Tobacco in Australia
Facts & Issues

Relevant news and research
3.5 Other Cancers

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Research:

Schlueter, DJ, Sulieman, L, Mo, H, Keaton, JM, Ferrara, TM, Williams, A et al. (2023). Systematic replication of smoking disease associations using survey responses and EHR data in the All of Us Research Program. *J Am Med Inform Assoc*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37885303

Bui, TT, Han, M, Luu, NM, Tran, TPT, Kim, SY, Kim, YA et al. (2023). Mortality risk according to smoking trajectories after cancer diagnosis among Korean male cancer survivors: A population-based cohort study. *Tob Induc Dis, 21*, 69. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37252030

Olson, R, McLay, M, Hamm, J, & Callaghan, RC. (2021). Identification of Tobacco-Related Cancer Diagnoses among Individuals with Psychiatric Disorders: A Population-Based Matched Cohort Study Using a Competing Risks Approach from British Columbia. *Curr Oncol, 28*(6), 4953-4960. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34898588

Chao, H, Cheng, Y, Shan, J, Xue, HF, Xu, WL, Li, HJ, & Meng, E. (2021). A meta-analysis of active smoking and risk of meningioma. *Tobacco Induced Diseases, 19*, 34. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33994906

Horwich, P, Gundale, A, Patin, S, Flores, J, Moore Medlin, T, Chang, BA, & Nathan, CO. (2021). Impact of smoking on stage-specific survival in human papilloma virus-associated oropharyngeal squamous cell carcinoma. *Head Neck*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34002904

Lee, JH, Chai, YJ, & Yi, KH. (2021). Effect of Cigarette Smoking on Thyroid Cancer: Meta-Analysis. *Endocrinol Metab (Seoul)*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34034364

Chen, C, Cheng, X, Li, S, Chen, H, Cui, M, Bian, L, & Jin, H. (2021). A Novel Signature for Predicting Prognosis of Smoking-Related Squamous Cell Carcinoma. *Front Genet, 12*, 666371. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33968141

Mezzoiuso, AG, Odone, A, Signorelli, C, & Russo, AG. (2021). Association Between Smoking And Cancers Among Women: Results From The FRiCaM Multisite Cohort Study. *J Cancer, 12*(11), 3136-3144. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33976723

Weber, MF, Sarich, PEA, Vaneckova, P, Wade, S, Egger, S, Ngo, P et al (2021). Cancer incidence and cancer death in relation to tobacco smoking in a population-based Australian cohort study. *International Journal of Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34015143

Braillon, A. (2021). Hepatocellular Carcinoma in Women: Could Tobacco Matter More than Sex? *Am J Gastroenterol, 116*(3), 617. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33657046

Dimou, N, Yarmolinsky, J, Bouras, E, Tsilidis, KK, Martin, RM, Lewis, SJ et al (2021). Causal effects of lifetime smoking on breast and colorectal cancer risk: Mendelian randomization study. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33653810

Islami, F, Bandi, P, Sahar, L, Ma, J, Drope, J, & Jemal, A. (2021). Cancer deaths attributable to cigarette smoking in 152 U.S. metropolitan or micropolitan statistical areas, 2013-2017. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33496899

Zhang, T, Zhao, L, Zhang, T, Wu, W, Liu, J, Wang, X et al (2020). Curcumin Negatively Regulates Cigarette Smoke-Induced Renal Cell Carcinoma Epithelial-Mesenchymal Transition Through the ERK5/AP-1 Pathway. *Onco Targets Ther, 13*, 9689-9700. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33061449

Eng, VA, David, SP, Li, S, Ally, MS, Stefanick, M, & Tang, JY. (2020). The association between cigarette smoking, cancer screening, and cancer stage: a prospective study of the women's health initiative observational cohort. *BMJ Open, 10*(8), e037945. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32796021

McGee, EE, & Koshiol, J. (2020). Comments on "Should we consider gallbladder cancer a new smoking-related cancer? A comprehensive meta-analysis focused on dose-response relationships". *Int J Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32275767

Wang, Y, Tao, H, Paxton, RJ, Wang, J, Mubarik, S, Jia, Y et al. (2019). Post-diagnosis smoking and risk of cardiovascular, cancer, and all-cause mortality in survivors of 10 adult cancers: a prospective cohort study. *Am J Cancer Res, 9*(11), 2493-2514. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31815049

Hussain, A, Dulay, P, Rivera, MN, Aramouni, C, & Saxena, V. (2019). Neoplastic Pathogenesis Associated with Cigarette Carcinogens. Cureus, 11(1), e3955. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30956908

Yanagiya, M, Matsumoto, J, Kawahara, T, Yamaguchi, H, Nagayama, K, Anraku, M et al. Influence of smoking and histologic subtype on developing extrathymic malignancy in thymoma patients. *Ann Thorac Surg, 2018*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30576633

Ferro A, Morais S, Rota M, Pelucchi C, Bertuccio P, et al. Tobacco smoking and gastric cancer: Meta-analyses of published data versus pooled analyses of individual participant data (stop project). Eur J Cancer Prev, 2018; 27(3):197-204. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29595756

Du L, Lei L, Zhao X, He H, Chen E, et al. The interaction of smoking with gene polymorphisms on four digestive cancers: A systematic review and meta-analysis. J Cancer, 2018; 9(8):1506-17. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29721061

Meyers TJ, Chang SC, Chang PY, Morgenstern H, Tashkin DP, et al. Case-control study of cumulative cigarette tar exposure and lung and upper aerodigestive tract cancers. Journal international du cancer, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28164274

Shao C, Zhao W, Qi Z, and He J. Smoking and glioma risk: Evidence from a meta-analysis of 25 observational studies. Medicine (Baltimore), 2016; 95(2):e2447. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26765433

Pan W, Du J, Shi M, Jin G, and Yang M. Short leukocyte telomere length, alone and in combination with smoking, contributes to increased risk of gastric cancer or esophageal squamous cell carcinoma. Carcinogenesis, 2016. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27797826

Kondo H, Soda M, Sawada N, Inoue M, Imaizumi Y, et al. Smoking is a risk factor for development of adult t-cell leukemia/lymphoma in japanese human t-cell leukemia virus type-1 carriers. Cancer Causes Control, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27412633

Khan N, Afridi HI, Kazi TG, Arain MB, Bilal M, et al. Correlation of cadmium and magnesium in the blood and serum samples of smokers and non-smokers chronic leukemia patients. Biol Trace Elem Res, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27511371

Guo X and Wang Y. Does smoking increase the risk of developing glioma? A meta-analysis based on case-control studies. J Cancer Res Ther, 2016; 12(Supplement):C301-C3. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28230043

Franceschi S. Beta- and gamma-human papillomavirus types and smoking in head and neck cancer. JAMA Oncol, 2016; 2(5):687. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27244680

Agalliu I, Wang T, and Burk RD. Beta- and gamma-human papillomavirus types and smoking in head and neck cancer-reply. JAMA Oncol, 2016; 2(5):687-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27244681

Almeida AA, Bandeira CM, Goncalves AJ, and Araujo AJ. Nicotine dependence and smoking habits in patients with head and neck cancer. J Bras Pneumol, 2014; 40(3):286-93. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25029652

Batty G, Kivimaki M, Gray L, Smith G, Marmot M, et al. Cigarette smoking and site-specific cancer mortality: Testing uncertain associations using extended follow-up of the original whitehall study. Annals of Oncology, 2008; 19(5):996–1002. Available from: http://annonc.oxfordjournals.org/cgi/content/full/19/5/996

3.5.1 Head and neck cancers

Noggle, B, Cheng, H, & Sarkar, M. (2024). Oral Cancer Incidence Among Adult Males With Current or Former Use of Cigarettes or Smokeless Tobacco: Population-Based Study. *JMIR Cancer, 10*, e51936. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39504575

Possenti, I, Martini, A, Bagnardi, V, Specchia, C, Garavello, W, Odone, A et al. (2024). Association between cigarette smoking and nasopharyngeal cancer risk: a meta-analysis. *Rhinology*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39440663

Luo, AL, Doshi, A, & Arnold, MA. (2024). Growth rate, impact of smoking and management of incidentally found paranasal sinus osteomas. *Am J Otolaryngol, 45*(6), 104427. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39106688

Verro, B, Saraniti, G, Fiumara, S, Ottoveggio, G, & Saraniti, C. (2024). Smoking and alcohol habits in head and neck cancers: how many patients stop after diagnosis? *J Cancer Policy*, 100498. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39059763

Abbas, Y, Kanotra, S, Majeed, F, Anjum, A, & Zehra, M. (2024). Clinical Profile and Prevalence of Oral Mucosal Lesions in Tobacco Users-A Prospective Study from Jammu, India. *Indian J Otolaryngol Head Neck Surg, 76*(3), 2373-2380. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38883546

Lander, DP, Kallogjeri, D, & Piccirillo, JF. (2024). Smoking, Drinking, and Dietary Risk Factors for Head and Neck Cancer in Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Participants. *JAMA Otolaryngol Head Neck Surg*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38329760

Rayman, S, Ross, S, Sucandy, I, Mikhail, K, Christodoulou, M, Pattilachan, T, & Rosemurgy, A. (2024). The effects of smoking history on robotic transhiatal esophagectomy patient outcomes. *J Robot Surg, 18*(1), 76. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38353887

John, HAS, Dakhale, R, Sedani, S, & Ahuja, KP. (2023). Smoker's Palate: An Often Misunderstood Benign Lesion of the Oral Cavity. *Cureus, 15*(11), e48868. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38106782

Oberste, M, Bose, BE, Dos Anjos Borges, LG, Junca, H, Plumeier, I, Kahl, S et al. (2023). Effects of squamous cell carcinoma and smoking status on oropharyngeal and laryngeal microbial communities. *Head Neck*.Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37905455

Bano, A, Vats, R, Verma, D, Yadav, P, Kamboj, M, & Bhardwaj, R. (2023). Exploring salivary exosomes as early predictors of oral cancer in susceptible tobacco consumers: noninvasive diagnostic and prognostic applications. *J Cancer Res Clin Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37668794

Gu, JC, Liu, Y, Wang, XL, Zhang, LL, & Liu, YX. (2023). [Disease burden and prediction of oral cancer attributable to smoking in China from 1990 to 2019]. *Zhonghua Kou Qiang Yi Xue Za Zhi, 58*(9), 919-925. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37659850

Nguyen, KA, DePledge, LN, Bian, L, Ke, Y, Samedi, V, Berning, AA et al. (2023). Polymorphonuclear myeloid-derived suppressor cells and phosphatidylinositol-3 kinase gamma are critical to tobacco-mimicking oral carcinogenesis in mice. *J Immunother Cancer, 11*(9) Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37734878

Singh, G, Preethi, B, Chaitanya, KK, Navyasree, M, Kumar, TG, & Kaushik, MS. (2023). Prevalence of Oral Mucosal Lesions among Tobacco Consumers: Cross-Sectional Study. *J Pharm Bioallied Sci, 15*(Suppl 1), S562-S565. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37654329

Subramaniam, N, Srinivasalu, VK, Balasubramanian, D, Kumar, N, Thankappan, K, & Iyer, S. (2023). Tobacco use and its impact on survival in young patients with oral cancer. *Indian J Cancer, 60*(2), 160-166. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37530236

Wu, S, Jiang, W, Li, J, Wu, Z, Xu, C, & Xie, N. (2023). Global burden of esophageal cancer attributable to smoking: a systematic analysis for the Global Burden of Disease Study 2019. *Front Oncol, 13*, 1223164. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37621692

Kaur, A, Chauhan, NS, & Shivakumar, S. (2023). The Predominance of Tobacco Propensities and Tobacco-Related Oral Lesions in Textile Mill Workers of Bhopal: A Cross-Sectional Study. *Cureus, 15*(6), e41085. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37519575

Fiedler, M, Off, A, Eichberger, J, Spoerl, S, Schuderer, JG, Taxis, J et al. (2023). OSCC in Never-Smokers and Never-Drinkers Is Associated with Increased Expression of Tumor-Infiltrating Lymphocytes and Better Survival. *Cancers (Basel), 15*(10). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37345025

Katada, C, Yokoyama, T, Mure, K, Doyama, H, Nakanishi, H, Shimizu, Y et al. (2023). Risk factors for the development of second primary esophageal squamous-cell carcinoma after endoscopic resectionfor esophageal squamous-cell carcinoma according to genetic polymorphisms related to alcohol and nicotine metabolism. *Jpn J Clin Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37370215

Song, MA, Wold, LE, Aslaner, DM, Archer, KJ, Patel, D, Jeon, H et al. (2023). Long-term impact of daily E-cigarette exposure on the lungs of asthmatic mice. *Nicotine Tob Res*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37302807

Altom, FM, Bedair, GY, Eysawi, EA, Hammoudah, DK, Khoja, LA, Yaseen, RA et al (2023). Evaluation of the Cytological Changes of the Oral Mucosa Among Smokers in Al Madinah Al Munawara Using Argyrophilic Nucleolar Organizer Region (AgNOR) Counts and Papanicolaus Stain. *Cureus, 15*(5), e39367. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37362451

Patil, AP, & Yogeshkumar, S. (2023). Tobacco use and Oral Premalignant Lesions among Auto-Rickshaw Drivers in Belagavi, North Karnataka. *Indian J Occup Environ Med, 27*(1), 79-83. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37303986

Cetkovic Pecar, T, Haveric, A, Caluk Klacar, L, Haveric, S, Dzaferspahic, A, Mehanovic, M., et al (2023). Genotoxicity of waterpipe smoking in young adults from Sarajevo, Bosnia & Herzegovina. *Heliyon, 9*(6), e17073. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37332975

Ozkaya Akagunduz, O, Etit, D, Yazici, G, Veral, A, Cetinayak, O, Sarioglu, S et al. (2023). The effect of P53 expression and smoking/alcohol in P16(+) and P16(-) oropharyngeal carcinoma and risk classification: the Turkish Society of Radiation Oncology Head & Neck Study Group 01-002. *Oral Surg Oral Med Oral Pathol Oral Radiol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37246057

Yu, VX, Long, S, & Tassler, A. (2023). Smoking and Head and Neck Cancer. *JAMA Otolaryngol Head Neck Surg*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36995722

Gabhane, MH, Hemagiriyappa, MS, Sharma, VJ, Pardeshi, KV, Rai, BA, & Nahar, P. (2022). Clinicopathological Evaluation of Tobacco-related Oral Mucosal Lesions. *J Contemp Dent Pract, 23*(4), 399-404. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35945832

Shukla, P, Dange, P, Mohanty, BS, Gadewal, N, Chaudhari, P, & Sarin, R. (2022). ARID2 suppression promotes tumor progression and upregulates cytokeratin 8, 18 and beta-4 integrin expression in TP53-mutated tobacco-related oral cancer and has prognostic implications. *Cancer Gene Ther*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35869277

McCarter, K, Baker, AL, Wolfenden, L, Wratten, C, Bauer, J, Beck, AK et al. (2022). Smoking and other health factors in patients with head and neck cancer. *Cancer Epidemiol, 79*, 102202. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35749925

Mishra, MK, Gupta, S, Shivangi, & Sehgal, S. (2022). Assessing long non-coding RNAs in tobacco-associated oral cancer. *Curr Cancer Drug Targets*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35747968

Madathil, S, Rousseau, MC, Duran, D, Alli, BY, Joseph, L, & Nicolau, B. (2022). Life Course Tobacco Smoking and Risk of HPV-Negative Squamous Cell Carcinomas of Oral Cavity in Two Countries. *Front Oral Health, 3*, 844230. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35434704

Ramasamy, J, & Sivapathasundharam, B. (2021). A study on oral mucosal changes among tobacco users. *J Oral Maxillofac Pathol, 25*(3), 470-477. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35281158

Bhandari, A, & Bhatta, N. (2021). Tobacco and its Relationship with Oral Health. *JNMA J Nepal Med Assoc, 59*(243), 1204-1206. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35199764

Schrank, T, Weir, W, Lal, A, Landess, L, Lenze, N, & Hackman, T. (2021). Quantifying smoking exposure, genomic correlates, and related risk of treatment failure in p16+ squamous cell carcinoma of the oropharynx. *Laryngoscope Investig Otolaryngol, 6*(6), 1376-1382. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34938877

Za'im, NAN, & Azman, M. (2021). Alarming triad of progressive hoarseness in a male smoker. *Malays Fam Physician, 16*(3), 119-122. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34938403

Ahmed, N, Arshad, S, Basheer, SN, Karobari, MI, Marya, A, Marya, CM et al. (2021). Smoking a Dangerous Addiction: A Systematic Review on an Underrated Risk Factor for Oral Diseases. *Int J Environ Res Public Health, 18*(21). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34769523

Chien, CY, Chen, YC, Lee, CH, Wu, JR, Huang, TW, Huang, RY et al. (2021). Dysregulation of the miR-30a/BiP axis by cigarette smoking accelerates oral cancer progression. *Cancer Cell Int, 21*(1), 578. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34717640

Huang, Y, & Zhang, P. (2021). Immunogenomic alterations of head and neck squamous cell carcinomas stratified by smoking status. *Clin Transl Med, 11*(11), 1-5. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34841714

Nigam, K, Samadi, FM, Srivastava, S, Mohammad, S, & Sanyal, S. (2021). Smoking and XPC Gene Polymorphism Interact to Modulate the Risk of Oral Cancer. *J Maxillofac Oral Surg, 20*(4), 607-611. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34776693

Vassoler, T, Dogenski, LC, Sartori, VK, Presotto, JS, Cardoso, MZ, Zandona, J et al. (2021). Evaluation of the Genotoxicity of Tobacco and Alcohol in Oral Mucosa Cells: A Pilot Study. *J Contemp Dent Pract, 22*(7), 745-750. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34615778

Zhang, QW, Wang, JY, Qiao, XF, Li, TL, & Li, X. (2021). Variations in disease burden of laryngeal cancer attributable to alcohol use and smoking in 204 countries or territories, 1990-2019. *BMC Cancer, 21*(1), 1082. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34620148

Jayalekshmi, PA, Nandakumar, A, Nair, RA, Akiba, S, & Koriyama, C. (2021). Esophageal cancer in relation to alcohol drinking and tobacco use among men in Kerala, India - Karunagappally cohort. *Cancer Epidemiol, 74*, 102018. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34507085

Pratson, CL, Larkins, MC, Karimian, BH, Curtis, CM, Lepera, PA, Brodish, BN, & Ju, AW. (2021). The Impact of Smoking, Alcohol Use, Recurrent Disease, and Age on the Development of Neck Fibrosis in Head and Neck Cancer Patients Following Radiation Therapy. *Front Oncol, 11*, 707418. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34485144

Sarode, SC, Sarode, GS, Sengupta, N, & Ghone, U. (2021). Tobacco induced epithelial dysplasia at minor salivary gland excretory duct and oral cancer. *Oral Oncol, 122*, 105525. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34571462

Stahelin, H, Francisco, ALN, Mariano, FV, Kowalski, LP, & Gondak, R. (2021). Impact of smoking on dendritic cells in patients with oral squamous cell carcinoma. *Braz Oral Res, 35*, e075. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34495136

Takagawa, Y, Izumi, S, Aoki, M, Umeda, Y, Ochiai, K, Kumada, J et al. (2021). Smoking-induced radiation laryngeal necrosis after definitive radiotherapy alone for T1a glottic squamous cell carcinoma: A case report. *Cancer Rep (Hoboken)*, e1530. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34396712

Palollathil, A, Aravind, A, Vijayakumar, M, Kotimoole, CN, Mohanty, V, Behera, SK et al. (2021). Omics Data Mining for multiPTMs in Oral Cancer: Cellular Proteome and Secretome of Chronic Tobacco-Treated Oral Keratinocytes. *OMICS, 25*(7), 450-462. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34191607

Alamgir, MM, & Shaikh, F. (2021). Life-time tobacco consumption and oral cancer among citizens of a high incidence metropolis. *J Pak Med Assoc, 71*(6), 1588-1591. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34111077

Bernsdorf, M, Loft, A Berthelsen, AK, Kjems, J, Vogelius, IR, von Buchwald, C et al. (2021). FDG-PET/CT identified distant metastases and synchronous cancer in squamous cell carcinoma of the head and neck: the impact of smoking and P16-s. *Eur Arch Otorhinolaryngol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34075488

Johnson, M, Porterfield, JZ, & Kejner, AE. (2021). Assessing the Applicability of the TALK Score: A Modification for Concurrent Tobacco Use During Treatment. *Otolaryngol Head Neck Surg*, 1945998211020310. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34126807

Kokila, S, Prasad, H, Rajmohan, M, Kumar Srichinthu, K, Mahalakshmi, L, Shanmuganathan, S, & Prema, P. (2021). Evaluation of Micronuclei and Cytomorphometric Changes in Patients with Different Tobacco Related Habits Using Exfoliated Buccal Cells. *Asian Pac J Cancer Prev, 22*(6), 1851-1855. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34181342

Papenberg, BW, Ingles, J, Gao, S, Feng, J, Allen, JL, Markwell, SM et al. (2021). Copy number alterations identify a smoking-associated expression signature predictive of poor outcome in head

and neck squamous cell carcinoma. *Cancer Genet, 256-257*, 136-148. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34181342

Patel, K, Bhat, FA, Patil, S, Routray, S, Mohanty, N, Nair, B et al. (2021). Whole-Exome Sequencing Analysis of Oral Squamous Cell Carcinoma Delineated by Tobacco Usage Habits. *Front Oncol, 11*, 660696. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34136393

Sun, XS, Xie, SY, Luo, DH, Liu, LT, Guo, SS Liu, SL et al. (2021). Impact of smoking on survival in nasopharyngeal carcinoma: A cohort study with 23,325 patients diagnosed from 1990 to 2016. *Radiother Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34182012

Yadahalli, R, Kheur, S, Adwani, A, Bhonde, R, Raj, AT, & Patil, S. (2021). Nuclear Blebbing Frequency in Tobacco-Induced Oral Potentially Malignant Disorders: A Pilot Study. *Acta Cytol*, 1-8. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34120116

Mohanty, V, Subbannayya, Y, Patil, S, Abdulla, R, Ganesh, MS, Pal, A et al (2021). Molecular alterations in oral cancer between tobacco chewers and smokers using serum proteomics. *Cancer Biomark*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34024816

Pedroso, CM, Schemberger, GK, Dziadzio, JL, Condolo, LC, & de Camargo Smolarek, P. (2021). Small Dysplastic Oral Leucoplakia in a Smoking Woman: a Case Report. *J Oral Maxillofac Res, 12*(1), e5. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33959240

Bhat, FA, Mohan, SV, Patil, S, Advani, J, Bhat, MY, Patel, K et al (2021). Proteomic Alterations Associated with Oral Cancer Patients with Tobacco Using Habits. *OMICS: A Journal of Integrative Biology, 25*(4), 255-268. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33794113

Deneuve, S, Guerlain, J, Dupret-Bories, A, Majoufre, C, Philouze, P, Ceruse, P et al (2021). Oral tongue squamous cell carcinomas in young patients according to their smoking status: a GETTEC study. *European Archives of Oto-Rhino-Laryngology*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33877432

Lin, JH, Wen, CP, Jiang, CQ Yuan, JM, Chen, CJ, Ho, SY et al (2021). Smoking and nasopharyngeal cancer: individual data meta-analysis of six prospective studies on 334 935 men. *International Journal of Epidemiology*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33787881

Vu, H, Shin, YJ, Kong, MS, & Kim, HD. (2021). Smoking and Drinking Adjusted Association between Head and Neck Cancers and Oral Health Status Related to Periodontitis: a Meta-Analysis. *Journal of Korean Medical Science, 36*(15), e98. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33876587

Wei, M, Zhao, L, Lv, J, Li, X, Zhou, G, Fan, B et al (2021). The mediation effect of serum metabolites on the relationship between long-term smoking exposure and esophageal squamous cell carcinoma. *BMC Cancer, 21*(1), 415. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33858379

Wong, TJ, Li, Q, Dodd, V, Wang, W, Bian, J, & Guo, Y. (2021). Oral cancer knowledge and screening behavior among smokers and non-smokers in rural communities. *BMC Cancer, 21*(1), 430. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33879128

Yagyuu, T, Funayama, N, Imada, M, & Kirita, T. (2021). Effect of smoking status and programmed death-ligand 1 expression on the microenvironment and malignant transformation of oral leukoplakia: A retrospective cohort study. *PloS One, 16*(4), e0250359. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33861793

Alotaibi, M, Valova, V, T, HA, Stromberger, C, Kofla, G, Olze, H et al (2021). Impact of Smoking on the Survival of Patients With High-risk HPV-positive HNSCC: A Meta-analysis. *In Vivo, 35*(2), 1017-1026. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33622897

Ghazi, A, Pakfetrat, A, Hashemy, SI, Boroomand, F, & Javan-Rashid, A. (2020). Evaluation of Antioxidant Capacity and Cotinine Levels of Saliva in Male Smokers and Non-smokers. *Addict Health, 12*(4), 244-250. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33623643

Trinh, JM, Thomas, J, Salleron, J, & Henrot, P. (2021). Differences in clinical and imaging characteristics between p16-positive non-smokers and p16-positive smokers or p16-negative patients in oropharyngeal carcinoma. *Sci Rep, 11*(1), 3314. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33558647

Zhou, R, Li, Y, Wang, N, Niu, C, Huang, X, Cao, S, & Huo, X. (2021). PARP1 rs1136410 C/C genotype associated with an increased risk of esophageal cancer in smokers. *Mol Biol Rep, 48*(2), 1485-1491. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33528729

Chen, SY, Last, A, Ettyreddy, A, Kallogjeri, D, Wahle, B, Chidambaram, S et al (2021). 20 pack-year smoking history as strongest smoking metric predictive of HPV-positive oropharyngeal cancer outcomes. *Am J Otolaryngol, 42*(3), 102915. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33482566

Hoffmann, M, Quabius, ES, Fabian, A, Laudien, M, & Ambrosch, P. (2021). The interaction of smoking habit, SLPI and AnxA2 in HPV associated head and neck and other cancers. *Cancer Treat Res Commun, 26*, 100299. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33387869

Liu, HY, Daniels, CP, Trada, Y, Bernard, A, You, KH, Brown, E et al(2021). The importance of smoking status at diagnosis in human papillomavirus-associated oropharyngeal cancer. *Head Neck*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33427358

Batool, S, Fahim, A, Qureshi, A, Jabeen, H, Ali, SN, & Khoso, MY. (2020). Role Of Alteration Of Ck5\6 Profile In Dysplastic Progression Of Oral Mucosa In Tobacco Users. *J Ayub Med Coll Abbottabad, 32*(4), 527-530. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33225657

Christensen, ND Chen, KM, Hu, J, Stairs, DB, Sun, YW, Aliaga, C et al (2020). The environmental pollutant and tobacco smoke constituent dibenzo[def,p]chrysene is a co-factor for malignant progression of mouse oral papillomavirus infections. *Chem Biol Interact*, 109321. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33186600

Gormley, M, Dudding, T, Sanderson, E, Martin, RM, Thomas, S, Tyrrell, J et al. (2020). A multivariable Mendelian randomization analysis investigating smoking and alcohol consumption in oral and oropharyngeal cancer. *Nat Commun, 11*(1), 6071. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33247085

Naresh, J, Shruti, K, Amit, B, Akash, S, Vinay, V, Ajay, V, & Mitali, D. (2020). Relapse of Tobacco Consumption in Patients Treated for Head and Neck Cancer: a Cross Sectional Study. *Indian J Surg Oncol, 11*(3), 492-497. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33013134

Leon, X., Pujals, G., Bulboa, C., Garcia, J., Lopez, M., & Quer, M. (2020). Head and neck squamous cell carcinoma in cigar smokers. Distinctive epidemiological and prognostic characteristics. *Acta Otorrinolaringol Esp*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32861455

Patel, U., Shah, R., Patel, A., Shah, S., Patel, D., & Patel, A. (2020). Effect of tobacco in human oral leukoplakia: a cytomorphometric analysis. *Med Pharm Rep, 93*(3), 273-279. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32832892

Wang, G., Ye, M., Zheng, S., Wu, K., Geng, H., & Liu, C. (2020). Cigarette Smoke Extract induces H19 in Esophageal Squamous Cell Carcinoma in Smoking Patients: Based on A Chronic Exposed Cell Model. *Toxicol Lett, 333*, 62-70. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32739445

Balakrishna, S. (2020). Comment on "Multiple logistic regression analysis predicts cancer risk among tobacco usage with glutathione R-transferase p1 genotyping in patients with head and neck cancer". *Indian J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32594073

Mortazavi, H, Ghasemi, A, & Vatankhah, MR. (2020). Comparison of salivary total antioxidant levels in male smokers and non-smokers according to their personality types. *Dent Med Probl, 57*(2), 145-148. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32602271

Satgunaseelan, L, Allanson, BM, Asher, R, Reddy, R, Low, HTH, Veness, M et al (2020). The incidence of squamous cell carcinoma of the oral tongue is rising in young non-smoking women: An international multi-institutional analysis. *Oral Oncol, 110*, 104875. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32622292

Chen, SY, Massa, S, Mazul, AL, Kallogjeri, D, Yaeger, L, Jackson, RS et al (2020). The association of smoking and outcomes in HPV-positive oropharyngeal cancer: A systematic review. *Am J Otolaryngol, 41*(5), 102592. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32521295

Archanjo, AB, Assis, A, Oliveira, MM, Mendes, SO, Borcoi, AR Maia, LL et al (2020). Elemental characterization of oral cavity squamous cell carcinoma and its relationship with smoking, prognosis and survival. *Sci Rep, 10*(1), 10382. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32587307

Wu, S-Y, Xing, F, Sharma, S, Wu, K, Tyagi, A, Liu, Y et al (2020). Nicotine promotes brain metastasis by polarizing microglia and suppressing innate immune function. *Journal of Experimental Medicine, 217*(8). Available from: https://doi.org/10.1084/jem.20191131

Amin, NR, Yussif, N, & Ahmed, E. (2020). The effect of smoking on clinical presentation and expression of TLR-2 and CD34 in Oral lichen Planus patients: clinical and immunohistochemical study. *BMC Oral Health, 20*(1), 129. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32349717

Foki, E, Gangl, K, Kranebitter, V, Niederberger-Leppin, V, Eckl-Dorna, J, Wiebringhaus, R et al (2020). Early effects of cigarette smoke extract on human oral keratinocytes and carcinogenesis in head and

neck squamous cell carcinoma. *Head Neck*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32437034

Khan, A., Ongole, R., Baptist, J., Srikant, N., & Lukmani, F. (2020). Patterns of Tobacco Use and its Relation to Oral Precancers and Cancers among Individuals Visiting a Tertiary Hospital in South India. *J Contemp Dent Pract, 21*(3), 304-309. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32434979

Chidambaram, S, Nakken, ER, Kennedy, W, Thorstad, WL, Chen, SY, Pipkorn, P et al(2020). Prognostic Significance of Smoking in Human Papillomavirus-Positive Oropharyngeal Cancer Under American Joint Committee on Cancer Eighth Edition Stage. *Laryngoscope*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32293733

Doukas, SG, Vageli, DP, Lazopoulos, G, Spandidos, DA, Sasaki, CT, & Tsatsakis, A. (2020). The Effect of NNK, A Tobacco Smoke Carcinogen, on the miRNA and Mismatch DNA Repair Expression Profiles in Lung and Head and Neck Squamous Cancer Cells. *Cells, 9*(4). Available from: https://www.ncbi.nlm.nih.gov/pubmed/32326378

Farooqui, S, Mohammad, S, Srivastava, S, Mehrotra, D, & Bhattacharya, S. (2020). A Study on Metabolic, Nutritional and Biochemical Profile of Tobacco Users With and Without Oral Precancer Lesions. *J Maxillofac Oral Surg, 19*(2), 269-272. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32346239

Penteado, CAS, Batista, TBD, Chaiben, CL, Bonacin, BG, Ventura, TMO, Dionizio, A et al (2020). Salivary protein candidates for biomarkers of oral disorders in alcohol and tobacco dependents. *Oral Dis*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32237000

Rutt, AL, Wang, C, & Li, Z. (2020). Clinicopathologic Aspects of Vocal Fold Leukoplakia in Smokers and Nonsmokers. *J Voice*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32220397

Simon, F, Schwenk-Zieger, S, Becker, S, Unger, K, Gires, O, & Baumeister, P. (2020). Cigarette Smoke Reduces the Efficacy of Cisplatin in Head and Neck Cancer Cells - Role of ABCG2. *Anticancer Res, 40*(3), 1277-1284. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32132024

Agarwal, A, Garg, C, Ganesh, MS, & Reddy, S. (2020). Molecular mechanisms of tobacco induced oral and oropharyngeal cancer: Results of a tissue microarray and immunohistochemistry-based study from a tertiary cancer center in India. *Indian J Pathol Microbiol, 63*(1), 7-12. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32031115

Bao, X, Liu, F, Chen, Q, Chen, L, Lin, J, Chen, F et al. (2020). Propensity score analysis exploring the impact of smoking and drinking on the prognosis of patients with oral cancer. *Head Neck*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32031313

Kumar-Sharma, A, Debusk, WT, Stepanov, I, Gomez, A, & Khariwala, SS. (2020). Oral microbiome profiling in smokers with and without head and neck cancer reveals variations between health and disease. *Cancer Prev Res (Phila)*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32071121

Lilja-Fischer, JK, Eriksen, JG, Georgsen, JB, Vo, TT, Larsen, SR, Cheng, J et al. (2020). Prognostic impact of PD-L1 in oropharyngeal cancer after primary curative radiotherapy and relation to HPV and

tobacco smoking. *Acta Oncologica*, 1-7. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32079442

Oudjehih, M, Deltour, I, Bouhidel, ML, Bouhidel, A, Marref, A, Luzon, V et al. (2020). Smokeless Tobacco Use, Cigarette Smoking, and Upper Aerodigestive Tract Cancers: A Case-Control Study in the Batna Region, Algeria, 2008-2011. *Tob Use Insights, 13*, 1179173X20902239. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32076371

Roden, DF, Hobelmann, K, Vimawala, S, Richa, T, Fundakowski, CE, Goldman, R et al. (2020). Evaluating the impact of smoking on disease-specific survival outcomes in patients with human papillomavirus-associated oropharyngeal cancer treated with transoral robotic surgery. *Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32032441

Aldosari, KH, Ahmad, G, Al-Ghamdi, S, Alsharif, MHK, Elamin, AY, Musthafa, M et al. (2020). The influence and impact of smoking on red blood cell morphology and buccal microflora: A case-control study. *Journal of Clinical Laboratory Analysis*, e23212. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31950567

Al-Zyoud, W, Hajjo, R, Abu-Siniyeh, A, & Hajjaj, S. (2019). Salivary Microbiome and Cigarette Smoking: A First of Its Kind Investigation in Jordan. *International Journal of Environmental Research and Public Health, 17*(1). Available from: https://www.ncbi.nlm.nih.gov/pubmed/31905907

Hsu, WL, Chien, YC, Huang, YT, Yu, KJ, Ko, JY, Lin, CY et al. (2020). Cigarette smoking increases the risk of nasopharyngeal carcinoma through the elevated level of IgA antibody against Epstein-Barr virus capsid antigen: A mediation analysis. *Cancer Med*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31925935

Kemnade, JO, Elhalawani, H, Castro, P, Yu, J, Lai, S, Ittmann, M et al. (2020). CD8 infiltration is associated with disease control and tobacco exposure in intermediate-risk oropharyngeal cancer. *Sci Rep, 10*(1), 243. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31937831

Lepore, S, Lettini, G, Condelli, V, Sisinni, L, Piscazzi, A, Simeon, V et al. (2020). Comparative Gene Expression Profiling of Tobacco-Associated HPV-Positive versus Negative Oral Squamous Carcinoma Cell Lines. *Int J Med Sci, 17*(1), 112-124. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31929745

Liu, Q, Zhao, M, Chen, W, Xu, K, Huang, F, Qu, J et al. (2019). Mainstream cigarette smoke induces autophagy and promotes apoptosis in oral mucosal epithelial cells. *Archives of Oral Biology, 111*, 104646. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31896026

Ahuja, US, Puri, N, Bagewadi, A, Keluskar, V, Ahuja, A, & Singh, HP. (2019). Comparative evaluation of serum alpha-1antitrypsin levels in patients with oral squamous cell carcinoma and in subjects with tobacco habit without carcinoma. *J Family Med Prim Care, 8*(11), 3657-3663. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31803669

Chang, CP, Siwakoti, B, Sapkota, A, Gautam, DK, Lee, YA, Monroe, M, & Hashibe, M. (2019). Tobacco smoking, chewing habits, alcohol drinking and the risk of head and neck cancer in Nepal. *Int J Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31837000

de la Iglesia, JV, Slebos, RJ, Martin-Gomez, L, Wang, X, Teer, JK, Tan, AC et al. (2019). Effects of tobacco smoking on the tumor immune microenvironment in head and neck squamous cell carcinoma. *Clin Cancer Res*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31848186

McCain, RS, McManus, DT, McQuaid, S, James, JA, Salto-Tellez, M, Reid, NB et al. (2019). Alcohol intake, tobacco smoking, and esophageal adenocarcinoma survival: a molecular pathology epidemiology cohort study. *Cancer Causes Control*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31786674

Batta, N, & Pandey, M. (2019). Mutational spectrum of tobacco associated oral squamous carcinoma and its therapeutic significance. *World J Surg Oncol, 17*(1), 198. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31775759

Kanwal, M, Haider, G, Zareef, U, & Saleem, S. (2019). Addiction of tobacco chewing and smoking in the patients of head and neck squamous cell carcinoma: A descriptive epidemiological study in Pakistan. *Pak J Med Sci, 35*(6), 1712-1717. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31777521

Sarkar, R, Das, A, Paul, RR, & Barui, A. (2019). Cigarette smoking promotes cancer-related transformation of oral epithelial cells through activation of Wnt and MAPK pathway. *Future Oncol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31668090

Shaikh, I, Ansari, A, Ayachit, G, Gandhi, M, Sharma, P, Bhairappanavar, S et al. (2019). Differential gene expression analysis of HNSCC tumors deciphered tobacco dependent and independent molecular signatures. *Oncotarget, 10*(58), 6168-6183. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31692905

Xiao, R, Pham, Y, Ward, MC, Houston, N, Reddy, CA, Joshi, NP et al. (2019). Impact of active smoking on outcomes in HPV+ oropharyngeal cancer. *Head Neck*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31769100

Chang, CP, Chang, SC, Chuang, SC, Berthiller, J, Ferro, G, Matsuo, K et al. (2019). Age at start of using tobacco on the risk of head and neck cancer: Pooled analysis in the International Head and Neck Cancer Epidemiology Consortium (INHANCE). *Cancer Epidemiol, 63*, 101615. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31586822

Jiang, X, Wu, J, Wang, J, & Huang, R. (2019). Tobacco and oral squamous cell carcinoma: A review of carcinogenic pathways. *Tob Induc Dis, 17*, 29. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31582940

Madathil, S, Rousseau, MC, Joseph, L, Coutlee, F, Schlecht, NF, Franco, E, & Nicolau, B. (2019). Latency of tobacco smoking for head and neck cancer among HPV-positive and HPV-negative individuals. *Int J Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31584196

Mermod, M, Adam, A, Clair, C, Faouzi, M, Simon, C, Daeppen, JB et al (2019). Squamous cell carcinoma of the head and neck - screening in patients who misuse alcohol and tobacco in Switzerland: a prospective pilot study. *Br J Oral Maxillofac Surg*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31594715

Silva, MR, Gattas, GJ F, De Antonio, J, Firigato, I, Curioni, OA, & Goncalves, FT. (2019). Polymorphisms of CHRNA3 and CHRNA5: Head and neck cancer and cigarette consumption intensity in a Brazilian population. *Mol Genet Genomic Med*, e998. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31599127c

Ahmadi, N, Gao, K, Chia, N, Kwon, MS, Palme, CE, Gupta, R, & Clark, J. (2019). Association of PD-L1 expression in oral squamous cell carcinoma with smoking, sex, and p53 expression. *Oral Surg Oral Med Oral Pathol Oral Radiol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31495715

Oze, I, Charvat, H, Matsuo, K, Ito, H, Tamakoshi, A, Nagata, C et al (2019). Revisit of an unanswered question by pooled analysis of eight cohort studies in Japan: Does cigarette smoking and alcohol drinking have interaction for the risk of esophageal cancer? *Cancer Med*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31475462

Yang, Y, Zheng, W Cai, QY, Shrubsole, MJ, Pei, Z, Brucker, R et al (2019). Cigarette smoking and oral microbiota in low-income and African-American populations. *J Epidemiol Community Health*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31563898

Gong, SQ, Xu, M, Xiang, ML, Shan, YM, & Zhang, H. (2019). The Expression and Effection of MicroRNA-499a in High-Tobacco Exposed Head and Neck Squamous Cell Carcinoma: A Bioinformatic Analysis. *Front Oncol, 9*, 678. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31417866

Gronhoj, C, Jensen, JS, Wagner, S, Dehlendorff, C, Friborg, J, Andersen, E et al. (2019). Impact on survival of tobacco smoking for cases with oropharyngeal squamous cell carcinoma and known human papillomavirus and p16-status: a multicenter retrospective study. *Oncotarget, 10*(45), 4655-4663. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31384393

Nagler, R, Weizman, A, & Gavish, A. (2019). Cigarette smoke, saliva, the translocator protein 18kDa (TSPO) and oral cancer. *Oral Dis*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31430419

Khowal, S, & Wajid, S. (2019). Role of Smoking-Mediated Molecular Events in the Genesis of Oral Cancers. *Toxicol Mech Methods*, 1-49. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31345084

Sheikh, M, Brennan, P, & Malekzadeh, R. (2019). Reply to "Tobacco smoking and alcohol drinking: two clinically significant risk factors for esophageal squamous cell carcinoma". *Gastroenterology*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31310740

Villepelet, A, Hugonin, S, Atallah, S, Job, B, Baujat, B, Lacau St Guily, J, & Lacave, R. (2019). Effects of tobacco abuse on major chromosomal instability in human papilloma virus 16-positive oropharyngeal squamous cell carcinoma. *Int J Oncol, 55*(2), 527-535. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31268157

Al Feghali, KA, Ghanem, AI, Burmeister, C, Chang, SS, Ghanem, T, Keller, C, & Siddiqui, F. (2019). Impact of smoking on pathological features in oral cavity squamous cell carcinoma. *J Cancer Res Ther, 15*(3), 582-588. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31169224

Chaturvedi, P, Singh, A, Chien, CY, & Warnakulasuriya, S. (2019). Tobacco related oral cancer. *BMJ, 365*, l2142. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31167798

Colares, N, Souza Rodrigues, DF, Freitas, MO, Dantas, TS, Cunha, M, Sousa, FB, & Barros Silva, PG. (2019). Smoking History Decreases Survival in Patients with Squamous Cell Carcinoma of the Mouth: A Retrospective Study with 15 Years of Follow-up. *Asian Pac J Cancer Prev, 20*(6), 1781-1787. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31244300

Di Credico, G, Edefonti, V, Polesel, J, Pauli, F, Torelli, N, Serraino, D et al (2019). Joint effects of intensity and duration of cigarette smoking on the risk of head and neck cancer: A bivariate spline model approach. *Oral Oncol, 94*, 47-57. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31178212

Domingo-Vidal, M, Whitaker-Menezes, D, Martos-Rus, C, Tassone, P, Snyder, CM, Tuluc, M et al(2019). Cigarette Smoke Induces Metabolic Reprogramming of the Tumor Stroma in Head and Neck Squamous Cell Carcinoma. *Mol Cancer Res*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31239287

Huang, C, Wang, L, Song, H, & Wu, C. (2019). Interactive effects of AURKA polymorphisms with smoking on the susceptibility of oral cancer. *Artif Cells Nanomed Biotechnol, 47*(1), 2333-2337. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31174434

Kruger, M, Metzger, C, Kammerer, PW, & Brieger, J. (2019). The impact of cigarette smoke on activity of Single Nucleotide Polymorphisms of the VEGF promotor gene in cells of the upper aerodigestive tract. *J Oral Pathol Med*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31166634

Najafi, F. (2019). Tobacco smoking and alcohol drinking: two clinically significant risk factors for esophageal squamous cell carcinoma. *Gastroenterology*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31228440

Sarkar, R, Kishida, S, Kishida, M, Nakamura, N, Kibe, T, Karmakar, D et al (2019). Effect of cigarette smoke extract on mitochondrial heme-metabolism: An in vitro model of oral cancer progression. *Toxicol In Vitro, 60*, 336-346. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31247333

Wang, J, Linxweiler, M, Yang, W, Chan, TA, & Morris, LGT. (2019). Immunomodulatory and immunotherapeutic implications of tobacco smoking in squamous cell carcinomas and normal airway epithelium. *Oncotarget, 10*(39), 3835-3839. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31231463

Yamashita, Y, Ikegami, T, Suzuki, M, Hirakawa, H, Maeda, H, Yamada, S et al. (2019). Hypopharyngeal cancer risk in Japanese: Genetic polymorphisms related to the metabolism of alcohol- and tobacco-associated carcinogens. *J Cancer Res Ther, 15*(3), 556-563. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31169220

Beghini, F, Renson, A, Zolnik, CP, Geistlinger, L, Usyk, M, Moody, TU et al (2019). Tobacco exposure associated with oral microbiota oxygen utilization in the New York City Health and Nutrition Examination Study. *Ann Epidemiol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31076212

Kim, SY, Min, C, Oh, DJ, & Choi, HG. (2019). Tobacco Smoking and Alcohol Consumption Are Related to Benign Parotid Tumor: A Nested Case-Control Study Using a National Health Screening Cohort. *Clin Exp Otorhinolaryngol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31079445

Mello, FW, Melo, G, Pasetto, JJ, Silva, CAB, Warnakulasuriya, S, & Rivero, ERC. (2019). The synergistic effect of tobacco and alcohol consumption on oral squamous cell carcinoma: a systematic review and meta-analysis. *Clin Oral Investig*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31111280

Montano-Velazquez, BB, Benavides Mendez, JC, Garcia-Vazquez, FJ, Conde-Vazquez, E, Sanchez-Uribe, M, Taboada-Murrieta, CR, & Jauregui-Renaud, K. (2018). Influence of Tobacco Smoke Exposure on the Protein Expression of alpha7 and alpha4 Nicotinic Acetylcholine Receptors in Squamous Cell Carcinoma Tumors of the Upper Aerodigestive Tract (Out of the Larynx). *Subst Abuse, 12*, 1178221818801316. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31068752

Sarode, GS, Sharma, NK, Sarode, SC, & Patil, S. (2019). Oral premalignant lesions of smokers and non-smokers show similar carcinogenic pathways and outcomes. *J Oral Pathol Med*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31058379

Hawkins, PG, Mierzwa, ML, Bellile, E, Jackson, WC, Malloy, KM, Chinn, SB et al. Impact of American Joint Committee on Cancer Eighth Edition clinical stage and smoking history on oncologic outcomes in human papillomavirus-associated oropharyngeal squamous cell carcinoma. Head Neck, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30775826

Carrero, I, Liu, HC, Sikora, AG, & Milosavljevic, A. Histoepigenetic analysis of HPV- and tobacco-associated head and neck cancer identifies both subtype-specific and common therapeutic targets despite divergent microenvironments. Oncogene, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30655605

Du, E, Mazul, AL, Farquhar, D, Brennan, P, Anantharaman, D, Abedi-Ardekani, B et al. Long-term Survival in Head and Neck Cancer: Impact of Site, Stage, Smoking, and Human Papillomavirus Status. Laryngoscope, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30637762

Elwany, S, Radi, S, Khalil, H, Talaat, I, & Belasy, K. Cluster of differentiation 8 T-cell population in the laryngeal mucosa of smokers with laryngeal cancer. J Laryngol Otol, 2018. 132(12), 1134-1137. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30674369

Ghasemi, F, Prokopec, SD, MacNeil, D, Mundi, N, Gameiro, SF, Howlett, C et al. Mutational analysis of head and neck squamous cell carcinoma stratified by smoking status. JCI Insight, 2019. 4(1). Available from: https://www.ncbi.nlm.nih.gov/pubmed/30626742

Nersesyan, A. Re: Does smoking habit increase the micronuclei frequency in the oral mucosa of adults compared to non-smokers? A systematic review and meta-analysis. de Geus et al., Clin Oral Investig. 2018 Jan; 22(1):81-91. Clin Oral Investig, 2019. 23(1), 497-499. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30612240

Scardina, GA, Messina, M, Melilli, D, Cumbo, E, Carini, F, Tomasello, G, & Messina, P. Permanence of Modifications in Oral Microcirculation in Ex-Smokers. Med Sci Monit, 2019. 25, 866-871. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30698164

Tuna, M, Amos, CI, & Mills, GB. Genome-Wide Analysis of Head and Neck Squamous Cell Carcinomas Reveals HPV, TP53, Smoking and Alcohol-Related Allele-Based Acquired Uniparental Disomy Genomic Alterations. Neoplasia, 2019. 21(2), 197-205. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30616092

Beitler, JJ, Switchenko, JM, Dignam, JJ, McDonald, MW, Saba, NF, Shin, DM et al. Smoking, age, nodal disease, T stage, p16 status, and risk of distant metastases in patients with squamous cell cancer of the oropharynx. *Cancer*, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30548235

Gorphe, P, Chekkoury Idrissi, Y, Tao, Y, Moya-Plana, A, Casiraghi, O, Janot, F et al. Smoking and papillomavirus DNA in patients with p16-positive N3 oropharyngeal squamous cell carcinoma. *Head Neck, 2018.* . Available from: https://www.ncbi.nlm.nih.gov/pubmed/30552841

Kompelli, AR, Morgan, P, Li, H, Harris, W, Day, TA, & Neskey, DM. Prognostic Impact of High-Risk Pathologic Features in HPV-Related Oropharyngeal Squamous Cell Carcinoma and Tobacco Use. *Otolaryngol Head Neck Surg*, 2018. 194599818818446. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30526292

Lee, YA, Li, S, Chen, Y, Li, Q, Chen, CJ, Hsu, WL et al. Tobacco smoking, alcohol drinking, betel quid chewing, and the risk of head and neck cancer in an East Asian population. *Head Neck, 2018*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30552826

Rodriguez-Rabassa, M, Lopez, P, Rodriguez-Santiago, R E, Cases, A, Felici, M, Sanchez, R et al. Cigarette Smoking Modulation of Saliva Microbial Composition and Cytokine Levels. Int J Environ Res Public Health, 2018. 15(11). Available from: https://www.ncbi.nlm.nih.gov/pubmed/30405010

House, R, Majumder, M, Janakiraman, H, Ogretmen, B, Kato, M, Erkul, E et al. Smoking-induced control of miR-133a-3p alters the expression of EGFR and HuR in HPV-infected oropharyngeal cancer. PLoS One, 2018. 13(10), e0205077. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6173415/pdf/pone.0205077.pdf

Janz, TA, Momin, SR, Sterba, KR, Kato, MG, Armeson, KE, & Day, TA. Comparison of psychosocial factors over time among HPV+ oropharyngeal cancer and tobacco-related oral cavity cancer patients. Am J Otolaryngol., 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30322742

Zammit, AP, Sinha, R, Cooper, CL, Perry, CFL, Frazer, IH, & Tuong, ZK. Examining the contribution of smoking and HPV towards the etiology of oral cavity squamous cell carcinoma using high-throughput sequencing: A prospective observational study. PLoS One, 2018. 13(10), e0205406. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6181346/pdf/pone.0205406.pdf

Kiessling, SY, Broglie, MA, Soltermann, A, Huber, GF, & Stoeckli, SJ. Comparison of PI3K Pathway in HPV-Associated Oropharyngeal Cancer With and Without Tobacco Exposure. Laryngoscope Investig Otolaryngol, 2018. 3(4), 283-289. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30186959

Kfouri, SA, Eluf Neto, J, Koifman, S, Curado, MP, Menezes, A, Daudt, AW, Wunsch Filho, V. Fraction of head and neck cancer attributable to tobacco and alcohol in cities of three Brazilian regions. Rev Bras Epidemiol. 2018;21:e180005. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30088590

Liu, C, Talmor, G, Low, GM, Wang, TV, Mann, DS, Sinha, UK, Kokot, NC. How Does Smoking Change the Clinicopathological Characteristics of Human Papillomavirus-Positive Oropharyngeal Squamous Cell Carcinoma? One Medical Center Experience. Clin Med Insights Ear Nose Throat,2018 Aug 19;11:1179550618792248. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30147388

Zhu Y, Guo L, Wang S, Yu Q, and Lu J. Association of smoking and xpg, cyp1a1, ogg1, ercc5, ercc1, mmp2, and mmp9 gene polymorphisms with the early detection and occurrence of laryngeal squamous carcinoma. J Cancer, 2018; 9(6):968-77. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29581776

Yu C, Tang H, Guo Y, Bian Z, Yang L, et al. Effect of hot tea consumption and its interactions with alcohol and tobacco use on the risk for esophageal cancer: A population-based cohort study. Ann Intern Med, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29404576

Voltzke KJ, Lee YA, Zhang ZF, Zevallos JP, Yu GP, et al. Racial differences in the relationship between tobacco, alcohol, and the risk of head and neck cancer: Pooled analysis of us studies in the inhance consortium. Cancer Causes Control, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29761303

Vannimenus C, Bricout H, Le Rouzic O, Mouawad F, Chevalier D, et al. Compared characteristics of current vs. Past smokers at the time of diagnosis of a first-time lung or head and neck cancer: A cross-sectional study. BMC Cancer, 2018; 18(1):372. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29614983

Ramsey T, Guo E, Svider PF, Lin H, Syeda S, et al. Laryngeal cancer: Global socioeconomic trends in disease burden and smoking habits. Laryngoscope, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29508408

Rajagopalan P, Patel K, Jain AP, Nanjappa V, Datta KK, et al. Molecular alterations associated with chronic exposure to cigarette smoke and chewing tobacco in normal oral keratinocytes. Cancer Biol Ther, 2018:1-13. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29723088

Rajagopalan P, Nanjappa V, Patel K, Jain AP, Mangalaparthi KK, et al. Role of protein kinase n2 (pkn2) in cigarette smoke-mediated oncogenic transformation of oral cells. J Cell Commun Signal, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29480433

Mirghani H, Leroy C, Chekourry Y, Casiraghi O, Auperin A, et al. Smoking impact on hpv driven head and neck cancer's oncological outcomes? Oral Oncol, 2018; 82:131-7. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29909887

Mirghani H, Lacroix L, Rossoni C, Sun R, Auperin A, et al. Does smoking alter the mutation profile of human papillomavirus-driven head and neck cancers? Eur J Cancer, 2018; 94:61-9. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29533868

Kataki AC, Sharma JD, Krishnatreya M, Baishya N, and Kalita M. Patterns of tobacco use in patients with upper aero digestive tract cancers: A hospital-based study. J Cancer Res Ther, 2018; 14(2):437-40. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29516934

Haigentz M, Jr., Suarez C, Strojan P, Rodrigo JP, Rinaldo A, et al. Understanding interactions of smoking on prognosis of hpv-associated oropharyngeal cancers. Adv Ther, 2018; 35(3):255-60. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29511982

Ghantous Y, Schussel JL, and Brait M. Tobacco and alcohol-induced epigenetic changes in oral carcinoma. Curr Opin Oncol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29538041

Carta CFL, Oliveira Alves MG, de Barros PP, Campos MS, Scholz J, et al. Screening methylation of DNA repair genes in the oral mucosa of chronic smokers. Arch Oral Biol, 2018; 92:83-7. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29775861

Bezerra NV, Leite KL, de Medeiros MM, Martins ML, Cardoso AM, et al. Impact of the anatomical location, alcoholism and smoking on the prevalence of advanced oral cancer in brazil. Med Oral Patol Oral Cir Bucal, 2018; 23(3):e295-e301. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29680854

Beynon RA, Lang S, Schimansky S, Penfold CM, Waylen A, et al. Tobacco smoking and alcohol drinking at diagnosis of head and neck cancer and all-cause mortality: Results from head and neck 5000, a prospective observational cohort of people with head and neck cancer. Journal international du cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29607493

Abrahao R, Anantharaman D, Gaborieau V, Abedi-Ardekani B, Lagiou P, et al. The influence of smoking, age and stage at diagnosis on the survival after larynx, hypopharynx and oral cavity cancers in europe: The arcage study. Journal international du cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29405297

Correction: Hot tea consumption and its interactions with alcohol and tobacco use on the risk for esophageal cancer: A population-based cohort study. Ann Intern Med, 2018; 168(9):684. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29710262

Zhu Y, Zhang W, and Wang P. Smoking and gender modify the effect of twist on patient survival in head and neck squamous carcinoma. Oncotarget, 2017; 8(49):85816-27. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29156759

Yang X, Chen X, Zhuang M, Yuan Z, Nie S, et al. Smoking and alcohol drinking in relation to the risk of esophageal squamous cell carcinoma: A population-based case-control study in china. Sci Rep, 2017; 7(1):17249. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29222520

Wang Q-L, Xie S-H, Li W-T, and Lagergren J. Smoking cessation and risk of esophageal cancer by histological type: Systematic review and meta-analysis Journal of the National Cancer Institute, 2017; 109(12). Available from: https://academic.oup.com/jnci/article-abstract/4064131/Smoking-Cessation-and-Risk-of-Esophageal-Cancer-by

Wang QL, Xie SH, Li WT, and Lagergren J. Smoking cessation and risk of esophageal cancer by histological type: Systematic review and meta-analysis. J Natl Cancer Inst, 2017; 109(12). Available from: https://www.ncbi.nlm.nih.gov/pubmed/29933436

Sawabe M, Ito H, Takahara T, Oze I, Kawakita D, et al. Heterogeneous impact of smoking on major salivary gland cancer according to histopathological subtype: A case-control study. Cancer, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28881386

Osazuwa-Peters N, Adjei Boakye E, Chen BY, Tobo BB, and Varvares MA. Association between head and neck squamous cell carcinoma survival, smoking at diagnosis, and marital status. JAMA Otolaryngol Head Neck Surg, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29121146

Nosratzehi T. Salivary chemical factors in relation with oral cancer in smokers and non-smokers: A literature review. J Dent (Shiraz), 2017; 18(4):237-43. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29201965

Long M, Fu Z, Li P, and Nie Z. Cigarette smoking and the risk of nasopharyngeal carcinoma: A meta-analysis of epidemiological studies. BMJ Open, 2017; 7(10):e016582. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28982817

Khowal S, Naqvi SH, Monga S, Jain SK, and Wajid S. Assessment of cellular and serum proteome from tongue squamous cell carcinoma patient lacking addictive proclivities for tobacco, betel nut and alcohol: Case study. J Cell Biochem, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29236289

Khariwala SS, Ma B, Ruszczak C, Carmella SG, Lindgren BR, et al. High level of tobacco carcinogen-derived DNA damage in oral cells is an independent predictor of oral/head and neck cancer risk in smokers. Cancer Prev Res (Phila), 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28679497

Khan AA, Advani J, Patel K, Nanjappa V, Solanki HS, et al. Chronic exposure of cigarette smoke and chewing tobacco alters expression of micrornas in esophageal epithelial cells. Microrna, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29237392

Gupta B, Bray F, Kumar N, and Johnson NW. Associations between oral hygiene habits, diet, tobacco and alcohol and risk of oral cancer: A case-control study from india. Cancer Epidemiol, 2017; 51:7-14. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28968558

Giraldi L, Leoncini E, Pastorino R, Wunsch-Filho V, de Carvalho M, et al. Alcohol and cigarette consumption as predictors of mortality in patients with head and neck cancer: A pooled analysis within the international head and neck cancer epidemiology (inhance) consortium. Ann Oncol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28945835

Farsi NJ, Rousseau MC, Schlecht N, Castonguay G, Allison P, et al. Aetiological heterogeneity of head and neck squamous cell carcinomas: The role of human papillomavirus infections, smoking, and alcohol. Carcinogenesis, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29029021

Dong J and Thrift AP. Alcohol, smoking and risk of oesophago-gastric cancer. Best Pract Res Clin Gastroenterol, 2017; 31(5):509-17. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29195670

Chuang YS, Wu MC, Yu FJ, Wang YK, Lu CY, et al. Effects of alcohol consumption, cigarette smoking, and betel quid chewing on upper digestive diseases: A large cross-sectional study and meta-analysis.

Oncotarget, 2017; 8(44):78011-22. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29100443

Chapman S, Mick M, Hall P, Mejia C, Sue S, et al. Cigarette smoke extract induces oral squamous cell carcinoma cell invasion in a receptor for advanced glycation end-products-dependent manner. Eur J Oral Sci, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29226456

Changela K and Reddy M. Smoker's melanosis: Isolated pigmented lesion in the laryngopharynx and esophagus. Turk J Gastroenterol, 2017; 28(6):524-5. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29086722

Chang ET, Liu Z, Hildesheim A, Adami HO, and Ye W. Aje-00904-2017.R2-re: Active and passive smoking and risk of nasopharyngeal carcinoma: A population-based case-control study in southern china-letter to the editor (reply). Am J Epidemiol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29126104

Chan PK, Chor JS, Vlantis AC, Chow TL, Fung SC, et al. Smoking, human papillomavirus infection, and p53 mutation as risk factors in oropharyngeal cancer: A case-control study. Hong Kong Med J, 2017; 23 Suppl 5(4):12-6. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28943519

Castagnola P, Gandolfo S, Malacarne D, Aiello C, Marino R, et al. DNA aneuploidy relationship with patient age and tobacco smoke in opmds/osccs. PLoS ONE, 2017; 12(9):e0184425. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28877236

Bruzgielewicz A, Osuch-Wojcikiewicz E, Niemczyk K, Sieniawska-Buccella O, Siwak M, et al. Altered expression of mirnas is related to larynx cancer tnm stage and patients' smoking status. DNA Cell Biol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28430523

Baumeister P, Welz C, Jacobi C, and Reiter M. Is perineural invasion of head and neck squamous cell carcinomas linked to tobacco consumption? Otolaryngol Head Neck Surg, 2017:194599817750354. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29293403

Re: "Active and passive smoking and risk of nasopharyngeal carcinoma: A population-based case-control study in southern china". Am J Epidemiol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29126151

Zuo JJ, Tao ZZ, Chen C, Hu ZW, Xu YX, et al. Characteristics of cigarette smoking without alcohol consumption and laryngeal cancer: Overall and time-risk relation. A meta-analysis of observational studies. Eur Arch Otorhinolaryngol, 2016. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27844225

Zeng Q, Shen LJ, Li S, Chen L, Guo X, et al. The effects of hemoglobin levels and their interactions with cigarette smoking on survival in nasopharyngeal carcinoma patients. Cancer Med, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26817420

Xu X, Mao B, Wu L, Liu L, Rui J, et al. A118g polymorphism in mu-opioid receptor gene and interactions with smoking and drinking on risk of oesophageal squamous cell carcinoma. J Clin Lab Anal, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27373278

Wen J, Pang Y, Zhou T, Qi X, Zhao M, et al. Essential role of na+/ca2+ exchanger 1 in smoking-induced growth and migration of esophageal squamous cell carcinoma. Oncotarget, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27588478

Udayashankar U, Guduru VS, Ananthaneni A, Ramisetty SD, Kuberappa PH, et al. Evaluation of cytomorphometric changes in tobacco users and diagnosed oral squamous cell carcinoma individuals. J Cytol, 2016; 33(3):125-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27756983

Tsai CW, Chang WS, Gong CL, Shih LC, Chen LY, et al. Contribution of matrix metallopeptidase-1 genotypes, smoking, alcohol drinking and areca chewing to nasopharyngeal carcinoma susceptibility. Anticancer Res, 2016; 36(7):3335-40. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27354591

Tanwar R, Iyengar AR, Nagesh KS, Patil S, and Subhash BV. Gstm1 null polymorphism prevalence in tobacco users, oral leukoplakia and oral squamous cell carcinoma patients in south indian population: A polymerase chain reaction study. Indian J Dent Res, 2016; 27(4):353-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27723629

Sun P, Zhang F, Chen C, Ren C, Bi XW, et al. Prognostic impact of body mass index stratified by smoking status in patients with esophageal squamous cell carcinoma. Onco Targets Ther, 2016; 9:6389-97. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27799787

Sun P, Chen C, Zhang F, Yang H, Bi XW, et al. Combined heavy smoking and drinking predicts overall but not disease-free survival after curative resection of locoregional esophageal squamous cell carcinoma. Onco Targets Ther, 2016; 9:4257-64. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27471400

Sterba KR, Garrett-Mayer E, Carpenter MJ, Tooze JA, Hatcher JL, et al. Smoking status and symptom burden in surgical head and neck cancer patients. Laryngoscope, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27392821

Sewram V, Sitas F, O'Connell D, and Myers J. Tobacco and alcohol as risk factors for oesophageal cancer in a high incidence area in south africa. Cancer Epidemiol, 2016; 41:113-21. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26900781

Roh HJ, Mun SJ, Cho KS, and Hong SL. Smoking, not human papilloma virus infection, is a risk factor for recurrence of sinonasal inverted papilloma. Am J Rhinol Allergy, 2016; 30(2):79-82. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26980388

Prabhu A, Obi K, Lieberman D, and Rubenstein JH. The race-specific incidence of esophageal squamous cell carcinoma in individuals with exposure to tobacco and alcohol. Am J Gastroenterol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27575710

Peterson LA, Bellile EL, Wolf GT, Virani S, Shuman AG, et al. Cigarette use, comorbidities, and prognosis in a prospective head and neck squamous cell carcinoma population. Head Neck, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27432208

Okello S, Churchill C, Owori R, Nasasira B, Tumuhimbise C, et al. Population attributable fraction of esophageal squamous cell carcinoma due to smoking and alcohol in uganda. BMC Cancer, 2016; 16:446. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27400987

Miranti EH, Freedman ND, Weinstein SJ, Abnet CC, Selhub J, et al. Prospective study of serum cysteine and cysteinylglycine and cancer of the head and neck, esophagus, and stomach in a cohort of male smokers. Am J Clin Nutr, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27534643

Liskamp CP, Janssens GO, Bussink J, Melchers WJ, Kaanders JH, et al. Adverse effect of smoking on prognosis in human papillomavirus-associated oropharyngeal carcinoma. Head Neck, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27248701

Kuang JJ, Jiang ZM, Chen YX, Ye WP, Yang Q, et al. Smoking exposure and survival of patients with esophagus cancer: A systematic review and meta-analysis. Gastroenterol Res Pract, 2016; 2016:7682387. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27073394

Koyanagi YN, Matsuo K, Ito H, Wakai K, Nagata C, et al. Cigarette smoking and the risk of head and neck cancer in the japanese population: A systematic review and meta-analysis. Jpn J Clin Oncol, 2016; 46(6):580-95. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27369767

Kekatpure VD, Bs N, Wang H, Zhou XK, Kandasamy C, et al. Elevated levels of urinary pge-m are found in tobacco users and indicate a poor prognosis for oral squamous cell carcinoma patients. Cancer Prev Res (Phila), 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27045033

Kaz AM, Wong CJ, Varadan V, Willis JE, Chak A, et al. Global DNA methylation patterns in barrett's esophagus, dysplastic barrett's, and esophageal adenocarcinoma are associated with bmi, gender, and tobacco use. Clin Epigenetics, 2016; 8:111. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27795744

Jorge-Nebert LF, Zhang G, Wilson KM, Jiang Z, Butler R, et al. Head-and-neck squamous cell carcinoma risk in smokers: No association detected between phenotype and ahr, cyp1a1, cyp1a2, or cyp1b1 genotype. Hum Genomics, 2016; 10(1):39. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27894333

Hanu C, Timotin E, Wong R, Sur RK, Hayward JE, et al. The influence of smoking on radiation-induced bystander signal production in esophageal cancer patients. Environ Res, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26750714

D'Mello S, Bavle RM, Paremala K, Makarla S, Sudhakara M, et al. The synergy of tobacco and alcohol and glutathione s-transferase theta 1 gene deletion and oral squamous cell carcinoma. J Oral Maxillofac Pathol, 2016; 20(3):348-53. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27721596

Dixon PR, Au M, Hosni A, Perez-Ordonez B, Weinreb I, et al. Impact of p16 expression, nodal status, and smoking on oncologic outcomes of patients with head and neck unknown primary squamous cell carcinoma. Head Neck, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27002481

Chen D, Gong L, Jiang Q, Wang X, and Zhang B. Interaction between mll3 genetic polymorphisms, smoking, and alcohol drinking in laryngeal cancer: A case-control study. Cancer Med, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26818916

Chaturvedi AK, D'Souza G, Gillison ML, and Katki HA. Burden of hpv-positive oropharynx cancers among ever and never smokers in the u.S. Population. Oral Oncol, 2016; 60:61-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27531874

Cao W, Liu Z, Gokavarapu S, Chen Y, Yang R, et al. Reformed smokers have survival benefits after head and neck cancer. Br J Oral Maxillofac Surg, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27364312

Bijina BR, Ahmed J, Shenoy N, Ongole R, Shenoy S, et al. Detection of human papilloma virus in potentially malignant and malignant lesions of the oral cavity and a study of associated risk factors. South Asian J Cancer, 2016; 5(4):179-81. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28032082

Azad N, Kumari Maurya M, Kar M, Goel MM, Singh AK, et al. Expression of glut-1 in oral squamous cell carcinoma in tobacco and non-tobacco users. J Oral Biol Craniofac Res, 2016; 6(1):24-30. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26937365

Anantharaman D, Muller DC, Lagiou P, Ahrens W, Holcatova I, et al. Combined effects of smoking and hpv16 in oropharyngeal cancer. Int J Epidemiol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27197530

Ali SR, Arrossi AV, Mehta AC, Frye L, Mazzone P, et al. Endobronchial pleomorphic adenoma. Oxf Med Case Reports, 2016; 2016(12):omw090. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28031854

Ali H, Sinnott SJ, Corcoran P, Deady S, Sharp L, et al. Oral cancer incidence and survival rates in the republic of ireland, 1994-2009. BMC Cancer, 2016; 16(1):950. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27993131

Al-Hebshi NN, Nasher AT, Speicher DJ, Shaikh MH, and Johnson NW. Possible interaction between tobacco use and ebv in oral squamous cell carcinoma. Oral Oncol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27338286

Al Shammari AF, IKh ALI, Alaauldeen AI, Merza RF, and Ahmed HG. Effects of tobacco smoking on the dorsum of the tongue and buccal epithelium. Asian Pac J Cancer Prev, 2016; 17(10):4713-8. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27893201

Al Feghali KA, Ghanem AI, Chang S, Ghanem T, Burmeister C, et al. Smoking predicts for worse pathological features in oral cavity squamous cell carcinoma. Int J Radiat Oncol Biol Phys, 2016; 96(2S):E386. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27674550

Acharya S, Rai P, Hallikeri K, Anehosur V, and Kale J. Serum lipid profile in oral squamous cell carcinoma: Alterations and association with some clinicopathological parameters and tobacco use. Int J Oral Maxillofac Surg, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26899131

Zhang Y, Wang R, Miao L, Zhu L, Jiang H, et al. Different levels in alcohol and tobacco consumption in head and neck cancer patients from 1957 to 2013. PLoS ONE, 2015; 10(4):e0124045. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25875934

Xi S, Inchauste S, Guo H, Shan J, Xiao Z, et al. Cigarette smoke mediates epigenetic repression of mir-217 during esophageal adenocarcinogenesis. Oncogene, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25703328

Wu XC, Zheng YF, Tang M, Li XF, Zeng R, et al. Association between smoking and p53 mutation in oesophageal squamous cell carcinoma: A meta-analysis. Clin Oncol (R Coll Radiol), 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25736278

Wiedmann M, Brunborg C, Lindemann K, Johannesen TB, Vatten L, et al. Smoking, obesity and the risk of pituitary adenoma: A large prospective cohort study (the hunt study). Eur J Epidemiol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25903163

Wang N, Tan B, Cao F, Song Q, Wang J, et al. Prognostic influence of smoking on esophageal squamous cell carcinoma. Int J Clin Exp Med, 2015; 8(10):18867-72. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26770509

Wang J, Qiu M, Xu Y, Li M, Dong G, et al. Long noncoding rna ccat2 correlates with smoking in esophageal squamous cell carcinoma. Tumour Biol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25677908

van Imhoff LC, Kranenburg GG, Macco S, Nijman NL, van Overbeeke EJ, et al. The prognostic value of continued smoking on survival and recurrence rates in head and neck cancer patients: A systematic review. Head Neck, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25900211

Shoffel-Havakuk H, Halperin D, Yosef L, Haimovich Y, and Lahav Y. The anatomic distribution of malignant and premalignant glottic lesions and its relations to smoking. Otolaryngol Head Neck Surg, 2015; 152(4):678-83. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25739853

Nagler RM, Krayzler E, Veenman L, and Gavish M. DNA fragmentation induced by cigarette smoke in oral cancer cells. Cancer Genomics Proteomics, 2015; 12(2):77-81. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25770191

Miyata Y, Mitsunari K, Akihiro A, Watanabe SI, Mochizuki Y, et al. Smoking-induced changes in cancer-related factors in patients with upper tract urothelial cancer. Mol Clin Oncol, 2015; 3(2):287-94. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25798255

Liu B, Shen M, Xiong J, Yuan Y, Wu X, et al. Synergistic effects of betel quid chewing, tobacco use (in the form of cigarette smoking), and alcohol consumption on the risk of malignant transformation of oral submucous fibrosis (osf): A case-control study in hunan province, china. Oral Surg Oral Med Oral Pathol Oral Radiol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26130067

Lin JH, Jiang CQ, Ho SY, Zhang WS, Mai ZM, et al. Smoking and nasopharyngeal carcinoma mortality: A cohort study of 101,823 adults in guangzhou, china. BMC Cancer, 2015; 15(1):906. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26573573

Lee CP, Chiang SL, Lee CH, Tsai YS, Wang ZH, et al. Aurka phe31ile polymorphism interacted with use of alcohol, betel quid, and cigarettes at multiplicative risk of oral cancer occurrence. Clin Oral Investig, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25697104

Krayzler E and Nagler RM. Cigarette smoke-induced effects on the cell cycle in oral cancer cells: Reduction of g2/m fraction. Cancer Genomics Proteomics, 2015; 12(2):73-6. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25770190

Khot K, Deshmane S, Bagri-Manjarekar K, Warke D, and Kotak K. A cytomorphometric analysis of oral mucosal changes in tobacco users. J Nat Sci Biol Med, 2015; 6(Suppl 1):S22-S4. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26604613

Guo Y, Logan HL, Marks JG, and Shenkman EA. The relationships among individual and regional smoking, socioeconomic status, and oral and pharyngeal cancer survival: A mediation analysis. Cancer Med, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26250857

Effat KG and Milad M. A comparative histopathological study of vocal fold polyps in smokers versus non-smokers. J Laryngol Otol, 2015:1-5. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25788125

Damphousse KE, Mowls DS, and Beebe LA. An ecological analysis of tobacco use and oral cavity and pharynx cancers in u.S. Males. J Okla State Med Assoc, 2015; 108(11):488-91. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26817067

Dal Maso L, Torelli N, Biancotto E, Di Maso M, Gini A, et al. Combined effect of tobacco smoking and alcohol drinking in the risk of head and neck cancers: A re-analysis of case-control studies using bi-dimensional spline models. Eur J Epidemiol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25855002

Dahlstrom KR, Bell D, Hanby D, Li G, Wang LE, et al. Socioeconomic characteristics of patients with oropharyngeal carcinoma according to tumor hpv status, patient smoking status, and sexual behavior. Oral Oncol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26120093

Choudhury JH, Singh SA, Kundu S, Choudhury B, Talukdar FR, et al. Tobacco carcinogen-metabolizing genes cyp1a1, gstm1, and gstt1 polymorphisms and their interaction with tobacco exposure influence the risk of head and neck cancer in northeast indian population. Tumour Biol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25724184

Burris JL, Studts JL, DeRosa AP, and Ostroff JS. Systematic review of tobacco use after lung or head/neck cancer diagnosis: Results and recommendations for future research. Cancer Epidemiol Biomarkers Prev, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26282629

Berthiller J, Straif K, Agudo A, Ahrens W, Bezerra Dos Santos A, et al. Low frequency of cigarette smoking and the risk of head and neck cancer in the inhance consortium pooled analysis. Int J Epidemiol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26228584

Anderson KS, Dahlstrom KR, Cheng JN, Alam R, Li G, et al. Hpv16 antibodies as risk factors for oropharyngeal cancer and their association with tumor hpv and smoking status. Oral Oncol, 2015; 51(7):662-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25957822

(s008) the impact of hpv, hiv, and smoking on oncologic and functional outcomes in patients with head and neck cancer. Oncology (Williston Park), 2015; 29(4 Suppl 1). Available from: http://www.ncbi.nlm.nih.gov/pubmed/25930770

Van Dyck E, Nazarov PV, Muller A, Nicot N, Bosseler M, et al. Bronchial airway gene expression in smokers with lung or head and neck cancer. Cancer Med, 2014; 3(2):322-36. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24497500

Tin SS and Wiwanitkit V. Mitochondrial c-tract and tobacco exposure in oral precancer cases. Natl J Maxillofac Surg, 2014; 5(2):247. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25937749

Thrift AP, Kramer JR, Richardson PA, and El-Serag HB. No significant effects of smoking or alcohol consumption on risk of barrett's esophagus. Dig Dis Sci, 2014; 59(1):108-16. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24114046

Stucken CL, de Almeida JR, Sikora AG, Tong CC, and Genden EM. The impact of human papillomavirus and smoking on survival outcomes after transoral robotic surgery. Head Neck, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25351893

Sharp L, McDevitt J, Carsin AE, Brown C, and Comber H. Smoking at diagnosis is an independent prognostic factor for cancer-specific survival in head and neck cancer: Findings from a large, population-based study. Cancer Epidemiol Biomarkers Prev, 2014; 23(11):2579-90. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25128401

Schierl M, Patel D, Ding W, Kochhar A, Adhami K, et al. Tobacco smoke-induced immunologic changes may contribute to oral carcinogenesis. J Investig Med, 2014; 62(2):316-23. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24322330

Prabhu A, Obi KO, and Rubenstein JH. The synergistic effects of alcohol and tobacco consumption on the risk of esophageal squamous cell carcinoma: A meta-analysis. Am J Gastroenterol, 2014; 109(6):822-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24751582

Michcik A, Cichorek M, Daca A, Chomik P, Wojcik S, et al. Tobacco smoking alters the number of oral epithelial cells with apoptotic features. Folia Histochem Cytobiol, 2014; 52(1):60-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24802962

Kumar A, Sharma A, Ahlawat B, and Sharma S. Site specific effect of tobacco addiction in upper aerodigestive tract tumors: A retrospective clinicopathological study. ScientificWorldJournal, 2014; 2014:460194. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25431788

Kule ZG, Habesoglu TE, Somay A, Deveci HS, Kule M, et al. Histopathological characteristics of nasal polyps in smokers and non-smokers. J Craniofac Surg, 2014; 25(3):946-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24670279

Hsu WL, Chien YC, Chiang CJ, Yang HI, Lou PJ, et al. Lifetime risk of distinct upper aerodigestive tract cancers and consumption of alcohol, betel and cigarette. Journal international du cancer, 2014; 135(6):1480-6. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24535776

Fakhry C, Gillison ML, and D'Souza G. Tobacco use and oral hpv-16 infection. JAMA, 2014; 312(14):1465-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25291584

Cantrell SC, Reid HH, Li G, Wei Q, Sturgis EM, et al. Influence of smoking history on imaging characteristics among patients with human papillomavirus-positive oropharyngeal cancer: A blinded matched-pair analysis. J Comput Assist Tomogr, 2014; 38(5):667-73. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24943254

Bhattacharyya I and Islam N. Tobacco use and mouth cancer. Todays FDA, 2014; 26(5):26-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25109104

Prabhu A, Obi KO, and Rubenstein JH. Systematic review with meta-analysis: Race-specific effects of alcohol and tobacco on the risk of oesophageal squamous cell carcinoma. Aliment Pharmacol Ther, 2013; 38(10):1145-55. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24079938

Zhang Z, Hao K, Shi R, Zhao G, Jiang G, et al. Glutathione *s*-transferase m1 (*gstm1*) and glutathione *s*-transferase t1 (*gstt1*) null polymorphisms, smoking, and their interaction in oral cancer: A huge review and meta-analysis. American Journal of Epidemiology, 2011; 173(8):847–57. Available from: http://www.ncbi.nlm.nih.gov/pubmed/21436184

Tramacere I, La Vecchia C, and Negri E. Tobacco smoking and esophageal and gastric cardia adenocarcinoma: A meta-analysis. Epidemiology, 2011; [Epub ahead of print]. Available from: http://journals.lww.com/epidem/Abstract/publishahead/Tobacco_Smoking_and_Esophageal_and_Gastric_Cardia.99596.aspx

Sabitha K, Reddy M, and Jamil K. Smoking related risk involved in individuals carrying genetic variants of cyp1a1 gene in head and neck cancer. Cancer Epidemiology, 2010; 34(5):587–92. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=20887941

Macfarlane T, Macfarlane G, Oliver R, Benhamou S, Bouchardy C, et al. The aetiology of upper aerodigestive tract cancers among young adults in europe: The arcage study. Cancer Causes & Control, 2010; 21(12):2213-21. Available from: http://www.springerlink.com/content/b340005471h2g8m7/fulltext.html

Cook M, Kamangar F, Whiteman D, Freedman N, Gammon M, et al. Cigarette smoking and adenocarcinomas of the esophagus and esophagogastric junction: A pooled analysis from the international beacon consortium. Journal of the National Cancer Institute, 2010; 102(17):1344–53. Available from: http://jnci.oxfordjournals.org/content/102/17/1344.long

Lubin J, Purdue M, Kelsey K, Zhang Z, Winn D, et al. Total exposure and exposure rate effects for alcohol and smoking and risk of head and neck cancer: A pooled analysis of case-control studies. American Journal of Epidemiology, 2009; 170(8):937–47. Available from: https://www.ncbi.nlm.nih.gov/pubmed/19745021

Hashibe M, Brennan P, Chuang SC, Boccia S, Castellsague X, et al. Interaction between tobacco and alcohol use and the risk of head and neck cancer: Pooled analysis in the international head and neck cancer epidemiology consortium. Cancer Epidemiology, Biomarkers & Prevention, 2009; 18(2):541–50. Available from: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3051410/pdf/nihms270552.pdf

Ansary-Moghaddam A, Huxley R, Lam T, and Woodward M. The risk of upper aero digestive tract cancer associated with smoking, with and without concurrent alcohol consumption. Mount Sinai Journal of Medicine, 2009; 76(4):392–403. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=19642154

Pandeya N, Williams G, Sadhegi S, Green A, Webb P, et al. Associations of duration, intensity, and quantity of smoking with adenocarcinoma and squamous cell carcinoma of the esophagus. American Journal of Epidemiology, 2008; 168(1):105–14. Available from: https://www.ncbi.nlm.nih.gov/pubmed/18483122

3.5.1.1 Risk associated with smoking

Dai, X, & Liang, Y. (2024). Tobacco- and alcohol-attributable burden of early-onset lip, oral cavity, and pharyngeal cancer in 204 countries and territories from 1990 to 2019, with projections to 2040. *Front Oncol, 14*, 1429972. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39450261

Shaikh, H, Bakerywala, A, Razdan, O, Gosavi, V, Patel, F, & Aga, M. (2024). Prevalence of Potentially Malignant Disorders in Tobacco Consuming Population: A Cross-Sectional Analysis. *J Pharm Bioallied Sci, 16*(Suppl 3), S2794-S2796. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39346269

Thakral, A, Lee, JJ, Hou, T, Hueniken, K, Dudding, T, Gormley, M et al . (2024). Smoking and alcohol by HPV status in head and neck cancer: a Mendelian randomization study. *Nat Commun, 15*(1), 7835. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39244563

Thomas, P, Mathew, D, Anisha, K, Ramasubramanian, A, Ramalingam, K, Ramani, P, & Sekar, D. (2024). A Retrospective Analysis of the Clinicopathological Profile of Oral Squamous Cell Carcinoma in Tobacco and Non-tobacco Users: Highlighting the Significance of Chronic Mechanical Irritation. *Cureus, 16*(5), e59953. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38854267

Kamsu, GT, & Ndebia, EJ. (2024). Uncovering Risks Associated with Smoking Types and Intensities in Esophageal Cancer within High-Prevalence Regions in Africa: A Comprehensive Meta-Analysis. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38652490

Gopalani, SV, Saraiya, M, Huang, B, Tucker, TC, Mix, JM, & Chaturvedi, AK. (2024). Population-level incidence of HPV-positive oropharyngeal, cervical, and anal cancers by smoking status. *J Natl Cancer Inst*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38429996

Kwon, MJ, Kang, HS, Choi, HG, Kim, JH, Kim, JH, Bang, WJ et al. (2023). Risk for Esophageal Cancer Based on Lifestyle Factors-Smoking, Alcohol Consumption, and Body Mass Index: Insight from a South Korean Population Study in a Low-Incidence Area. *J Clin Med, 12*(22).Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38002698

Amaral, AL, da Costa Andrade, PA, Lwaleed, BA, & Andrade, SA. (2023). Impacts of smoking on oral health-what is the role of the dental team in smoking cessation? *Evid Based Dent*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37679450

Qiu, J., Wen, H., Bai, J., & Yu, C. (2023). The mortality of oral cancer attributable to tobacco in China, the US, and India. *J Cancer Res Clin Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37728701

Wang, X, Bi, Y, Liu, G, Wang, W, & Cui, H. (2023). Smoking and alcohol consumption with the risk of 11 common otolaryngological diseases: a bidirectional Mendelian randomization. *Eur Arch Otorhinolaryngol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37752250

Ramalingam, K, Krishnan, M, Mullainathan, S, Sahuwala, A, Chawla, G, & S, G. (2023). Assessment of Oral Lesions With Tobacco Usage: A Cross-Sectional Clinicopathological Study in Sri Ganganagar,

Rajasthan, India. *Cureus, 15*(1), e33428. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36751169

Nam, IC, Park, JO, Kim, CS, Park, SJ, Lee, DH, Kim, HB et al. (2022). Association of smoking status, duration and amount with the risk of head and neck cancer subtypes: a national population-based study. *Am J Cancer Res, 12*(10), 4815-4824. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36381316

Edirisinghe, ST, Weerasekera, M, De Silva, DK, Liyanage, I, Niluka, M, Madushika, K et al. (2022). The Risk of Oral Cancer among Different Categorise Tobacco Smoking Exposure in Sri Lanka. *Asian Pac J Cancer Prev, 23*(9), 2929-2935. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36172654

Gholap, D, Dikshit, R, Chaturvedi, P, Chaturvedi, AK, Manjrekar, A, & Mhatre, S. (2022). Exclusive use of different types of tobacco products, exposure to secondhand tobacco smoke and risk of subtypes of head and neck cancer among Indian males. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36054453

Chauhan, R, Trivedi, V, Rani, R, & Singh, U. (2022). A Study of Head and Neck Cancer Patients with Reference to Tobacco Use, Gender, and Subsite Distribution. *South Asian J Cancer, 11*(1), 46-51. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35833037

Gislon, L C, Curado, MP, Lopez, RVM, de Oliveira, JC, Vasconcelos de Podesta, JR, Ventorin von Zeidler, S et al. (2022). Risk factors associated with head and neck cancer in former smokers: A Brazilian multicentric study. *Cancer Epidemiol, 78*, 102143. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35378425

Auguste, A, Deloumeaux, J, Joachim, C, Gaete, S, Michineau, L, Herrmann-Storck, C et al. (2020). Joint effect of tobacco, alcohol, and oral HPV infection on head and neck cancer risk in the French West Indies. *Cancer Med*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32750236

Kaz AM, Wong CJ, Varadan V, Willis JE, Chak A, et al. Erratum to: Global DNA methylation patterns in barrett's esophagus, dysplastic barrett's, and esophageal adenocarcinoma are associated with bmi, gender, and tobacco use. Clin Epigenetics, 2017; 9:23. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28265303

Gupta B, Kumar N, and Johnson NW. Relationship of lifetime exposure to tobacco, alcohol and second hand tobacco smoke with upper aero-digestive tract cancers in india: A case-control study with a life-course perspective. Asian Pac J Cancer Prev, 2017; 18(2):347-56. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28345330

Chang ET, Liu Z, Hildesheim A, Liu Q, Cai Y, et al. Active and passive smoking and risk of nasopharyngeal carcinoma: A population-based case-control study in southern china. Am J Epidemiol, 2017:1-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28459936

Bruzgielewicz A, Osuch-Wojcikiewicz E, Niemczyk K, Sieniawska-Buccella O, Siwak M, et al. Altered expression of mirnas is related to larynx cancer tnm stage and patients' smoking status. DNA Cell Biol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28430523

Bijina BR, Ahmed J, Shenoy N, Ongole R, Shenoy S, et al. Detection of human papilloma virus in potentially malignant and malignant lesions of the oral cavity and a study of associated risk factors.

South Asian J Cancer, 2016; 5(4):179-81. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28032082

3.5.1.2 How tobacco smoke causes head and neck cancers and oesophageal cancer

Li, Y, Yadollahi, P, Essien, F, Putluri, V, Chandra, S, Kami Reddy, KR et al . (2024). Tobacco smoke exposure is a driver of altered oxidative stress response and immunity in head and neck cancer. *bioRxiv*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39484602

Motta, G, Brandolini, B, Di Meglio, T, Allosso, S, Mesolella, M, Ricciardiello, F et al (2024). Challenges and Considerations in Diagnosing and Managing p16+-Related Oropharyngeal Squamous Cell Carcinoma (OPSCC) with Neck Metastasis: Implications of p16 Positivity, Tobacco Exposure, and De-Escalation Strategies. *J Clin Med, 13*(22). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39597917

Liang, D, Ma, X, Zhong, X, Zhou, Y, Chen, W, & He, X. (2024). Integration of host gene regulation and oral microbiome reveals the influences of smoking during the development of oral squamous cell carcinoma. *Front Oncol, 14*, 1409623. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39474111

Thakral, A, Lee, JJ, Hou, T, Hueniken, K, Dudding, T, Gormley, M et al . (2024). Smoking and alcohol by HPV status in head and neck cancer: a Mendelian randomization study. *Nat Commun, 15*(1), 7835. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39244563

Mohammad, S, Farooqui, S, Srivastava, S, Siang, TC, Sridhar, SB, Ahmad, I, & Alamri, S. (2024). Investigating Tobacco's Impact on DNA Repair Genes and Risks in Oral Precancer and Cancer: A Comprehensive Research Study. *J Maxillofac Oral Surg, 23*(4), 808-815. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39118938

Shen, Y, Huang, Q, Yuan, X, Gong, H, Xu, C, Du, H et al (2024). Nicotine-induced activation of cholinergic receptor nicotinic alpha 5 subunit mediates the malignant behaviours of laryngeal squamous epithelial cells by interacting with RABL6. *Cell Death Discov, 10*(1), 286. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38879667

Sepulveda Inostroza, EA, Bressane, A, Schwarzmeier, LAT, Lacerda, EB, Anjos, KRD, Santos, T et al. (2024). Evaluation of micronuclei, cytomorphometric and cytologic changes of the oral mucosa in hookah and cigarette smokers. *Oral Surg Oral Med Oral Pathol Oral Radiol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38692958

Torrens, L, Moody, S, de Carvalho, AC, Kazachkova, M, Abedi-Ardekani, B, Cheema, S et al. (2024). The Complexity of Tobacco Smoke-Induced Mutagenesis in Head and Neck Cancer. *medRxiv*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38699364

Nuszkiewicz, J, Wroblewska, J, Budek, M, Czuczejko, J, Wozniak, A, Maruszak-Parda, M, & Szewczyk-Golec, K. (2024). Exploring the Link between Inflammatory Biomarkers and Head and Neck Cancer:

Understanding the Impact of Smoking as a Cancer-Predisposing Factor. *Biomedicines, 12*(4) . Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38672104

Shoorgashti, R, Moshiri, A, & Lesan, S. (2024). Evaluation of Oral Mucosal Lesions in Iranian Smokers and Non-smokers. *Niger J Clin Pract, 27*(4), 467-474. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38679769

Yang, K, Li, S, Ding, Y, Meng, X, Zhang, C, & Sun, X. (2024). Effect of smoking-related features and 731 immune cell phenotypes on esophageal cancer: a two-sample and mediated Mendelian randomized study. *Front Immunol, 15*, 1336817. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38601154

Elmahdi, FM, Mostafa, HE, Eldib, AM, Youssef, MH, Alahmadi, LS, Alkurdi, AA, & Hussein, HM. (2024). Evaluation of Cellular Changes and Immunohistochemistry Expression of p53 and p16 in the Oral Mucosa Among Saudi Smokers. *Cureus, 16*(2), e55027. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38550423

Gollapalli, P, Alagundagi, D, Ghate, SD, Shetty, VV, Shetty, P, & Patil, P. (2023). Identification of key gene signatures and their characterization by expression correlation with drug sensitivity in smoking-associated oral squamous cell carcinoma. *J Cancer Res Ther, 19*(7), 1743-1752. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38376273

McGuinness, CB, White, SR, Gray, EV, Leonard, MV, Teng, Y, & Shull, AY. (2024). Nicotinic acetylcholine receptor CHRNA5 is overexpressed in head and neck squamous cell carcinoma patients with a recent tobacco smoking history. *MicroPubl Biol, 2024*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38371320

Tao, L, Chiarelli, MP, Pavlova, S, Kolokythas, A, Schwartz, J, DeFrancesco, J et al. (2024). Enrichment of polycyclic aromatic hydrocarbon metabolizing microorganisms on the oral mucosa of tobacco users. *PeerJ, 12*, e16626. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38188172

Joshi, J, Pandit, A, & Shah, F. (2023). Nicotine mediated epithelial modulations: An in-vitro evidence. *J Oral Biol Craniofac Res, 13*(6), 796-800. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38111634

Etemadi, A, Poustchi, H, Chang, CM, Calafat, AM, Blount, BC, Bhandari, D et al. (2023). Exposure to polycyclic aromatic hydrocarbons, volatile organic compounds, and tobacco-specific nitrosamines and incidence of esophageal cancer. *J Natl Cancer Inst*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37856326

Singhal, I, Arora, M, Dave, A, Bansal, SK, Saluja, P, & Rai, R. (2023). Evaluation of magnesium levels in serum and saliva by calmagite method in individuals with tobacco habits with or without potentially malignant disorders. *J Oral Maxillofac Pathol, 27*(2), 425. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37854910

Venkateswaran, V, Petter, E, Boulier, K, Ding, Y, Bhattacharya, A, & Pasaniuc, B. (2023). Interplay Of Serum Bilirubin and Tobacco Smoking with Lung and Head and Neck Cancers in a Diverse, EHR-linked Los Angeles Biobank. *medRxiv*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37873378

Safhi, FA, Al-Hazani, TMI, Jalal, AS, Alduwish, MA, Alshaya, DS, Almufareh, NA et al. (2023). FGFR3 and FGFR4 overexpression in juvenile nasopharyngeal angiofibroma: impact of smoking history and implications for personalized management. *J Appl Genet*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37656292

Peng, Q, Duan, N, Wang, X, & Wang, W. (2023). The potential roles of cigarette smoke-induced extracellular vesicles in oral leukoplakia. *Eur J Med Res, 28*(1), 250. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37481562

Abdul, NS, Alrukban, NK, Alajmi, AM, Bindawoad, FA, Almughaiseeb, AA, & AlGhannam, SM. (2022). Cytotoxic and genotoxic effects of cigarette and waterpipe tobacco smoking on buccal mucosa: A systematic review and meta-analysis. *J Oral Maxillofac Pathol, 26*(4), 534-540. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37082081

Mishra, MK, Gupta, S, Shivangi, Sharma, M, & Sehgal, S. (2023). The repertoire of mutational signatures in tobacco- and non-tobacco-induced oral cancer. *Clin Transl Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37058208

Xi, S, Oyetunji, S, Wang, H, Azoury, S, Liu, Y, Hsiao, SH et al. (2023). Cigarette Smoke Enhances the Malignant Phenotype of Esophageal Adenocarcinoma Cells by Disrupting a Repressive Regulatory Interaction Between miR-145 and LOXL2. *Lab Invest, 103*(4), 100014. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36870293

Ghoshal, S, Dracham, CB, Sundaram, A, Kumar, R, Bal, A, Das, A et al. (2022). Prognostic Value of HPV Infection Assessed by p16 Immunohistochemistry and the Influence of Tobacco Usage in Oropharyngeal Cancers: Real World Scenario. *Indian J Otolaryngol Head Neck Surg, 74*(Suppl 3), 5823-5831. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36742604

Cheng, G, Guo, J, Wang, R, Yuan, JM, Balbo, S, & Hecht, SS. (2023). Quantitation by Liquid Chromatography-Nanoelectrospray Ionization-High-Resolution Tandem Mass Spectrometry of Multiple DNA Adducts Related to Cigarette Smoking in Oral Cells in the Shanghai Cohort Study. *Chem Res Toxicol, 36*(2), 305-312. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36719849

Dogan, B, Ayar, B, & Pirim, D. (2023). Investigation of putative roles of smoking-associated salivary microbiome alterations on carcinogenesis by integrative in silico analysis. *Comput Biol Chem, 102*, 107805. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36587566

Schuch, LF, Viana, KSS, Arruda, JAA, Abreu, LG, Aguiar, MCF & Bernardes, VF. (2023). Effects of tobacco on the DNA of smokers and non-smokers affected by OSCC: systematic review and meta-analysis. *Braz Oral Res, 37*, e008. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36629591

Qian, Y, Wang, W, Chen, D, Zhu, Y, Wang, Y, & Wang, X. (2022). Cigarette smoking induces the activation of RIP2/caspase-12/NF-kappaB axis in oral squamous cell carcinoma. *PeerJ, 10*, e14330. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36353608

Swain, N, Thakur, M, Pathak, J, Patel, S, Hosalkar, R, & Ghaisas, S. (2022). Altered immunoexpression of SOX2, OCT4 and Nanog in the normal-appearing oral mucosa of tobacco users. *Dent Med Probl, 59*(3), 389-395. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36170598

Kashyap, B, Mikkonen, JJW, Bhardwaj, T, Dekker, H, Schulten, E, Bloemena, E, & Kullaa, AM. (2022). Effect of smoking on MUC1 expression in oral epithelial dysplasia, oral cancer, and irradiated oral epithelium. *Arch Oral Biol, 142*, 105525. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36027639

Rushing, BR, Tilley, S, Molina, S, Schroder, M, & Sumner, S. (2022). Commonalities in Metabolic Reprogramming between Tobacco Use and Oral Cancer. *Int J Environ Res Public Health, 19*(16). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36011897

Idel, C, Loyal, K, Rades, D, Hakim, SG, Schumacher, U, Bruchhage, KL, & Pries, R. (2022). Smoking-, Alcohol-, and Age-Related Alterations of Blood Monocyte Subsets and Circulating CD4/CD8 T Cells in Head and Neck Cancer. *Biology (Basel), 11*(5). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35625386

Wahle, BM, Zolkind, P, Ramirez, RJ, Skidmore, ZL, Anderson, SR, Mazul, A et al (2022). Integrative genomic analysis reveals low T-cell infiltration as the primary feature of tobacco use in HPV-positive oropharyngeal cancer. *iScience, 25*(5), 104216. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35494251

Barbieri, S, Schuch, LF, Cascaes, AM, Gomes, APN, Tarquinio, SBC, Mesquita, RA et al. (2022). Does smoking habit affect dendritic cell expression in oral squamous cell carcinoma? *Braz Oral Res, 36*, e044. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35293509

Shende, N, Xu, J, Li, WT, Liu, J, Chakladar, J, Brumund, KT, & Ongkeko, WM. (2021). Enhancer RNA Profiling in Smoking and HPV Associated HNSCC Reveals Associations to Key Oncogenes. *Int J Mol Sci, 22*(22). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34830428

Tsou, HH, Tsai, HC, Chu, CT, Cheng, HW, Liu, CJ, Lee, CH et al. (2021). Cigarette Smoke Containing Acrolein Upregulates EGFR Signaling Contributing to Oral Tumorigenesis In Vitro and In Vivo. *Cancers (Basel), 13*(14). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34298758

Wang SJ, Asthana S, van Zante A, Heaton CM, Phuchareon J, et al. Establishment and characterization of an oral tongue squamous cell carcinoma cell line from a never-smoking patient. Oral Oncol, 2017; 69:1-10. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28559012

Martel M, Alemany L, Taberna M, Mena M, Tous S, et al. The role of hpv on the risk of second primary neoplasia in patients with oropharyngeal carcinoma. Oral Oncol, 2017; 64:37-43. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28024722

Foy JP, Bertolus C, Michallet MC, Deneuve S, Incitti R, et al. The immune microenvironment of hpv-negative oral squamous cell carcinoma from never-smokers and never-drinkers patients suggests higher clinical benefit of ido1 and pd1/pd-l1 blockade. Ann Oncol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28460011

Bradley G, Magalhaes MA, and Hyrcza M. Mutational signatures in oral cancer indicate a complex role for tobacco smoke carcinogens. Oral Dis, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28295873

Arbabi-Kalati F, Salimi S, Nabavi S, Rigi S, and Miri-Moghaddam M. Effects of tobacco on salivary antioxidative and immunologic systems. Asian Pac J Cancer Prev, 2017; 18(5):1215-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28610404

Sharma N and Ho KY. Risk factors for barrett's oesophagus. Gastrointest Tumors, 2016; 3(2):103-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27904862

Lv Y, Zhang Y, Li X, Ren X, Wang M, et al. Long telomere length predicts poor clinical outcome in esophageal cancer patients. Pathol Res Pract, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28027815

3.5.1.3 Factors affecting risk

Tian, L, Zhao, M, Yang, Q, Li, X, Chen, Y, Xifang, W, & Ren, YX. (2024). Impact of smoking and alcohol drinking on the prognosis of 721 nasopharyngeal carcinoma. *Braz J Otorhinolaryngol, 91*(2), 101534. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39566294

Woersching, J, Van Cleave, JH, Gonsky, JP, Ma, C, Haber, J, Chyun, D, & Egleston, BL. (2024). The association between the mental health disorders, substance abuse, and tobacco use with head & neck cancer stage at diagnosis. *Cancer Causes Control*. Retrieved from

Yadav, J, Kamboj, M, Singh Gill, P, Narwal, A, Devi, A, Sharma, G, & Kumar, A. (2024). Assessment of salivary and serum leptin in tobacco smokers and oral squamous cell carcinoma-A case-control study. *J Stomatol Oral Maxillofac Surg*, 102108. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39465488

Vats, R, Yadav, P, Bano, A, Wadhwa, S, Narwal, A, & Bhardwaj, R. (2024). Salivary cysteine levels as a potential biochemical indicator of oral cancer risk in tobacco consumers. *Biomark Med*, 1-12. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39344869

Khalifeh, M, Ginex, P, & Boffetta, P. (2024). Reduction of head and neck cancer risk following smoking cessation: a systematic review and meta-analysis. *BMJ Open, 14*(8), e074723. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39122405

Eloranta, R, Vilen, ST, Keinanen, A, Salo, T, Qannam, A, Bello, IO, & Snall, J. (2024). Oral squamous cell carcinoma: Effect of tobacco and alcohol on cancer location. *Tob Induc Dis, 22*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38895166

Jun, S, Park, H, Kim, UJ, Lee, HA, Park, B, Lee, SY et al. (2024). The Combined Effects of Alcohol Consumption and Smoking on Cancer Risk by Exposure Level: A Systematic Review and Meta-Analysis. *J Korean Med Sci, 39*(22), e185. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38859742

Kiran, K, Chowdhury, N, Singh, A, Malhotra, M, & Kishore, S. (2024). The Relationship of Grade, Stage and Tobacco Usage in Head and Neck Squamous Cell Carcinoma With p53, PIK3CA and MicroRNA Profiles. *Cureus, 16*(2), e54737. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38524071

Floud, S., Hermon, C., Simpson, R. F., & Reeves, G. K. (2023). Alcohol consumption and cancer incidence in women: interaction with smoking, body mass index and menopausal hormone therapy. *BMC Cancer, 23*(1), 758. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37587405

Galvin, S, Moran, GP, & Healy, CM. (2023). Influence of site and smoking on malignant transformation in the oral cavity: Is the microbiome the missing link? *Front Oral Health, 4*, 1166037. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37035251

Hernandez-Morales, A, Gonzalez-Lopez, BS, Scougall-Vilchis, RJ, Bermeo-Escalona, JR, Velazquez-Enriquez, U, Islas-Zarazua, R et al. (2023). Lip and Oral Cavity Cancer Incidence and Mortality Rates Associated with Smoking and Chewing Tobacco Use and the Human Development Index in 172 Countries Worldwide: An Ecological Study 2019-2020. *Healthcare (Basel), 11*(8). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37107897

Shrivastava, P, Gosavi, S, Ghatge, D, Naik, A, Marlapalle, A, & Krishna, A. (2022). Comparative evaluation of XPD and XPG gene polymorphism in oral squamous cell carcinoma and tobacco chewers: An observational study. *J Oral Maxillofac Pathol, 26*(4), 518-523. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37082048

Singh, RD, Patel, KA, Patel, JB, & Patel, PS. (2023). Association of Interactions between Metabolic 'Caretaker' Genes, p53, MDM2, and Tobacco Use with the Risk of Oral Cancer: A Multifactor Dimensionality Reduction Approach. *Asian Pac J Cancer Prev, 24*(4), 1231-1237. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37116145

Rochefort, J, Karagiannidis, I, Baillou, C, Belin, L, Guillot-Delost, M, Macedo, R et al. (2022). Defining biomarkers in oral cancer according to smoking and drinking status. *Front Oncol, 12*, 1068979. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36713516

Gadbail, AR, Sarode, SC, Chaudhary, MS, Gondivkar, SM, Tekade, SA, Yuwanati, M et al. (2022). Ki-67, CD105, and alpha-smooth muscle actin expression in oral squamous cell carcinoma corresponds with different forms of tobacco consumption habits. *J Cancer Res Ther, 18*(Supplement), S197-S204. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36510964

Gandhi, S, Arun, KC, Bagul, RR, Shah, A, & Shenoy, S. (2022). Demography and Pattern of Tobacco Usage in Carcinoma of Upper Aerodigestive Tract. *Indian J Otolaryngol Head Neck Surg, 74*(Suppl 2), 1735-1739. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36452586

Chakladar, J, John, D, Magesh, S, Uzelac, M, Li, WT, Dereschuk, K et al. (2022). The Intratumor Bacterial and Fungal Microbiome Is Characterized by HPV, Smoking, and Alcohol Consumption in Head and Neck Squamous Cell Carcinoma. *Int J Mol Sci, 23*(21). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36362038

Arif, RT, Mogaddam, MA, Merdad, LA, & Farsi, NJ. (2022). Does human papillomavirus modify the risk of oropharyngeal cancer related to smoking and alcohol drinking? A systematic review and meta-analysis. *Laryngoscope Investig Otolaryngol, 7*(5), 1391-1401. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36258880

Shen, Y, Huang, Q, Ji, M, Hsueh, CY, & Zhou, L. (2022). Smoking-mediated nicotinic acetylcholine receptors (nAChRs) for predicting outcomes for head and neck squamous cell carcinomas. *BMC Cancer, 22*(1), 1093. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36284268

Schostag, K, Lynch, PT, Leavitt, T, Sumer, BD, Yang, A, Shah, A et al. (2022). Smoking and other patient factors in HPV-mediated oropharynx cancer: A retrospective cohort study. *Am J Otolaryngol, 43*(5), 103555. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36037765

Shen, Y, Zhou, H, Dong, S, Dong, W, & Zhang, L. (2022). Smoking patients with laryngeal cancer screened with a novel immunogenomics-based prognostic signature. *Front Genet, 13*, 961764. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35910213

Andersson, BA, Nilsson, M, & Oliva, D. (2022). Impact of single nucleotide polymorphisms and cigarette smoking on cancer risk and survival of patients with head and neck squamous cell carcinoma. *Biomarkers*, 1-7. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35830713

Izadi, F, Ahmadi, A, Hosseinzadeh, F, Mirsalehi, M, Shakiba, Y, Bahar, MA, & Balali, M. (2022). Assessment of Human Leukocyte Antigen Differences between Smokers with Reinke's Edema and Those with Laryngeal Cancer. *Iran J Otorhinolaryngol, 34*(121), 95-105. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35655764

Piemonte, ED, Lazos, JP, Gilligan, GM, Panico, RL, Werner, LC, Yang, YH & Warnakulasuriya, S. (2022). Chronic mechanical irritation enhances the effect of tobacco and alcohol on the risk of oral squamous cell carcinoma: a case-control study in Argentina. *Clin Oral Investig*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35727376

Eldridge, RC, Uppal, K, Hayes, DN, Smith, MR, Hu, X, Qin, ZS et al. (2021). Plasma Metabolic Phenotypes of HPV-Associated versus Smoking-Associated Head and Neck Cancer and Patient Survival. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34376485

Iravani, K, Bakhshi, F, Doostkam, A, Malekmakan, L, Tale, M, Jafari, P, & Dowran, R. (2021). Detection of human papillomavirus (HPV) DNA in benign laryngeal lesions and role of cigarette smoking as an inducing factor. *Virusdisease, 32*(2), 255-259. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34350316

Zhang, T, Zhu, X, Sun, Q, Qin, X, Zhang, Z, Feng, Y et al. (2021). Identification and Confirmation of the miR-30 Family as a Potential Central Player in Tobacco-Related Head and Neck Squamous Cell Carcinoma. *Front Oncol, 11*, 616372. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34336638

Lee, RH, Salesky, M, Benjamin, T, El-Sayed, IH, George, JR, Ha, PK et al (2021). Impact of Smoking and Primary Tumor Subsite on Recurrence in HPV-Associated Oropharyngeal Squamous Cell Carcinoma. *Otolaryngol Head Neck Surg*, 1945998211024515. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34182836

Intensity and duration of smoking

Alcohol consumption

Smoking cessation

Foy, JP, Bertolus, C, Boutolleau, D, Agut, H, Gessain, A, Herceg, Z, & Saintigny, P. (2020). Arguments to Support a Viral Origin of Oral Squamous Cell Carcinoma in Non-Smoker and Non-Drinker Patients. *Front Oncol, 10*, 822. Retrieved from: https://www.ncbi.nlm.nih.gov/pubmed/32528893

Skoulakis, A, Tsea, M, Koltsidopoulos, P, Lachanas, V, Hajiioannou, J, Petinaki, E et al (2020). Do smoking and human papilloma virus have a synergistic role in the development of head and neck cancer? A systematic review and meta-analysis. *J BUON, 25*(2), 1107-1115. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32521913

Chai, T, Shen, Z, Zhang, P, Lin, Y, Chen, S, Zhang, Z et al. (2019). Comparison of high risk factors (hot food, hot beverage, alcohol, tobacco, and diet) of esophageal cancer: A protocol for a systematic review and meta-analysis. Medicine (Baltimore), 98(17), e15176. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31027062

de la Oliva, J, Larque, AB, Marti, C, Bodalo-Torruella, M, Nonell, L, Nadal, A et al. (2019). Oral premalignant lesions of smokers and non-smokers show similar carcinogenic pathways and outcomes. A clinicopathological and molecular comparative analysis. J Oral Pathol Med. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31006144

Dal Maso L, Torelli N, Biancotto E, Di Maso M, Gini A, et al. Combined effect of tobacco smoking and alcohol drinking in the risk of head and neck cancers: A re-analysis of case-control studies using bi-dimensional spline models. Eur J Epidemiol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25855002

3.5.1.4 Impact of smoking on prognosis

Wald, T, Koppe, TJ, Pirlich, M, Zebralla, V, Kunz, V, Dietz, A et al (2024). Outcome Disparities in Patients with Early-Stage Laryngeal Cancer Depending on Localization, Tobacco Consumption, and Treatment Modality. *Biomedicines, 12*(9). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39335649

Lorini, L, Bossi, P, Psyrri, A, & Bonomo, P. (2024). Human Papilloma Virus (HPV) driven oropharyngeal cancer in current or previous heavy smokers: should we look for a different treatment paradigm? *Front Oncol, 14*, 1383019. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38651143

Su, MJ, Ho, CH, & Yeh, CC. (2024). Association of alcohol consumption, betel nut chewing, and cigarette smoking with mortality in patients with head and neck cancer among the Taiwanese population: A nationwide population-based cohort study. *Cancer Epidemiol, 89*, 102526. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38266595

Wilkins, SG, Shah, R, Safranek, CW, Shah, HP, & Mehra, S. (2024). The Impact of Four Smoking Metrics on Survival After Diagnosis with HPV+ Oropharyngeal Cancer. *Laryngoscope*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38294283

Wen, Q, Mao, X, Shi, X, Wang, Y, & Wang, J. (2023). Impacts of heavy smoking on non-coding RNA expression for patients with esophageal carcinoma. *BMC Med Genomics, 16*(1), 157. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37407980

Graessle, R, Stromberger, C, Beck, M, Heiland, M, Hofmann, VM, Olze, H et al. (2023). Subgroup Analysis of Overall Survival among Smoking and Non-Smoking Elderly Patients with HNSCC. *Cancers (Basel), 15*(6). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36980728

Li, W, Yang, C, Zhao, F, Li, J, Li, Z, Ouyang, P et al. (2022). Combination of smoking and Epstein-Barr virus DNA is a predictor of poor prognosis for nasopharyngeal carcinoma: a long-term follow-up retrospective study. *BMC Cancer, 22*(1), 1262. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36471255

Ma, SJ, Yu, H, Yu, B, Waldman, O, Khan, M, Chatterjee, U et al. (2022). Association of Pack-Years of Cigarette Smoking With Survival and Tumor Progression Among Patients Treated With Chemoradiation for Head and Neck Cancer. *JAMA Netw Open, 5*(12), e2245818. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36480200

Olsen, MH, Frederiksen, K, Lassen, P, Rotbol, C, Kjaer, TK, Johansen, J et al. (2022). Association of Smoking, Comorbidity, Clinical Stage, and Treatment Intent With Socioeconomic Differences in Survival After Oropharyngeal Squamous Cell Carcinoma in Denmark. *JAMA Netw Open, 5*(12), e2245510. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36477477

Lai, YH, Su, CC, Wu, SY, Hsueh, WT, Wu, YH, Chen, HHW et al. (2022). Impact of Alcohol and Smoking on Outcomes of HPV-Related Oropharyngeal Cancer. *J Clin Med, 11*(21). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36362736

Howren, MB, Christensen, AJ, & Pagedar, NA. (2022). Problem alcohol and tobacco use in head and neck cancer patients at diagnosis: associations with health-related quality of life. *Support Care Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35776184

Andersen, AO, Jensen, JS, Jakobsen, KK, Stampe, H, Nielsen, KJ, Wessel, I et al. (2022). The impact of tobacco smoking on survival of patients with oral squamous cell carcinoma: a population-based retrospective study. *Acta Oncol*, 1-10. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35114883

Bouland, C, Dequanter, D, Lechien, JR, Hanssens, C, De Saint Aubain, N Digonnet, A et al. (2021). Prognostic Significance of a Scoring System Combining p16, Smoking, and Drinking Status in a Series of 131 Patients with Oropharyngeal Cancers. *Int J Otolaryngol, 2021*, 8020826. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34531914

Day, AT, Dahlstrom, KR, Lee, R, Karam-Hage, M, & Sturgis, EM. (2020). Impact of a tobacco treatment program on abstinence and survival rates among current smokers with head and neck squamous cell carcinoma. *Head Neck*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32476217

Smith, J, Nastasi, D, Tso, R, Vangaveti, V, Renison, B, & Chilkuri, M. (2019). The effects of continued smoking in head and neck cancer patients treated with radiotherapy: A systematic review and meta-analysis. Radiother Oncol, 135, 51-57. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31015170

Zou, GR, Su, Z, Li, JY, Xie, FY, & Li, Q. (2019). Prognostic impact of cigarette smoking on the survival of patients with established esophageal squamous cell carcinoma receiving radiotherapy: A

retrospective study from southern China. Exp Ther Med, 17(5), 3671-3681. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30988751

Komerik N, Yuce E, Calapoglu NS, Kosar PA, Cakir M, et al. Oral mucosa and lung cancer: Are genetic changes in the oral epithelium associated with lung cancer? Niger J Clin Pract, 2017; 20(1):12-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27958240

Loeffelbein D, Ritschl LM, Gull FD, Roth M, Wolff KD, et al. Influence of possible predictor variables on the outcome of primary oral squamous cell carcinoma: A retrospective study of 392 consecutive cases at a single centre. Int J Oral Maxillofac Surg, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28007325

Goepfert RP, Hutcheson KA, Lewin JS, Desai NG, Zafereo ME, et al. Complications, hospital length of stay, and readmission after total laryngectomy. Cancer, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28026864

Choi SH, Terrell JE, Bradford CR, Ghanem T, Spector ME, et al. Does quitting smoking make a difference among newly diagnosed head and neck cancer patients? Nicotine Tob Res, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27613928

Ouyang PY, Su Z, Mao YP, Liang XX, Liu Q, et al. Prognostic impact of cigarette smoking on the survival of patients with established nasopharyngeal carcinoma. Cancer Epidemiol Biomarkers Prev, 2013; 22(12):2285-94. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24252872

Chen A, Chen L, Vaughan A, Sreeraman R, Farwell D, et al. Tobacco smoking during radiation therapy for head-and-neck cancer is associated with unfavorable outcome. International Journal of Radiation Oncology, Biology, Physics, 2011; 79(2):414–9 Available from: https://www.ncbi.nlm.nih.gov/pubmed/20399030

Chen A, Chen L, Vaughan A, Farwell D, Luu Q, et al. Head and neck cancer among lifelong never-smokers and ever-smokers: Matched-pair analysis of outcomes after radiation therapy. American Journal of Clinical Oncology, 2010; [Epub ahead of print]. Available from: http://journals.lww.com/amjclinicaloncology/Abstract/publishahead/Head_and_Neck_Cancer_Among_Lifelong_Never_Smokers.99768.aspx

Mayne S, Cartmel B, Kirsh V, and Goodwin W, Jr. Alcohol and tobacco use prediagnosis and postdiagnosis, and survival in a cohort of patients with early stage cancers of the oral cavity, pharynx, and larynx. Cancer Epidemiology, Biomarkers & Prevention, 2009; 18(12):3368–74. Available from: http://cebp.aacrjournals.org/content/18/12/3368.long

Hilgert E, Bergmann C, Fichtner A, Gires O, and Issing W. Tobacco abuse relates to significantly reduced survival of patients with oropharyngeal carcinomas. European Journal of Cancer Prevention, 2009; 18(2):120–6. Available from: http://journals.lww.com/eurjcancerprev/pages/articleviewer.aspx?year=2009&issue=04000&article=00005&type=abstract

Duffy S, Ronis D, McLean S, Fowler K, Gruber S, et al. Pretreatment health behaviors predict survival among patients with head and neck squamous cell carcinoma Journal of Clinical Oncology, 2009; 27(12):1969-75. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2669762/

Fortin A, Wang C, and Vigneault E. Influence of smoking and alcohol drinking behaviors on treatment outcomes of patients with squamous cell carcinomas of the head and neck. International Journal of Radiation Oncology, Biology, Physics, 2008; 74(4):1062-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19036528

3.5.2 Pancreatic cancer

Fujita, K, Hayashi, M, Nakagawa, N, Kurimoto, K, Inokawa, Y, Takami, H et al. (2024). Prognostic Impact of CDKN2A Mutations Associated With Smoking and Drinking History in Japanese Digestive Cancers. *Anticancer Res, 44*(6), 2699-2707. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38821577

May, MS, Jamison, JK, Wong, W, Michel, A, Raufi, AG, Neugut, AI, & Manji, GA. (2023). Smoking is not associated with lung metastasis in pancreatic cancer. *Cancer Invest*, 1-4. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37067780

Subhan, M, Saji Parel, N, Krishna, PV, Gupta, A, Uthayaseelan, K, Uthayaseelan, K, & Kadari, M. (2022). Smoking and Pancreatic Cancer: Smoking Patterns, Tobacco Type, and Dose-Response Relationship. *Cureus, 14*(6), e26009. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35859955

Nam, DJ, Oh, CM, Ha, E, Kim, MH, Yang, EH, Lee, HC et al. (2022). Associations of pancreatic cancer incidence according to smoking status and smoking amount in Korean men. *Epidemiol Health*, e2022040. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35468271

Yang, J, Chheda, C, Lim, A, Hauptschein, D, Zayou, LTang, J et al. (2022). HDAC4 Mediates Smoking-Induced Pancreatic Cancer Metastasis. *Pancreas, 51*(2), 190-195. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35468271

Sell, V, Ettala, O, Perez, IM, Jarvinen, R, Pekkarinen, T, Vaarala, M et al. (2022). Awareness of Smoking as a Risk Factor in Bladder Cancer: Results from the Prospective FinnBladder 9 Trial. *Eur Urol Focus*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35094962

Mocci, E, Kundu, P, Wheeler, W, Arslan, AA, Beane Freeman, LE, Bracci, PM et al (2021). Smoking modifies pancreatic cancer risk loci on 2q21.3. *Cancer Res*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33574088

Chakladar, J, Kuo, SZ, Castaneda, G, Li, WT, Gnanasekar, A, Yu, MA et al. (2020). The Pancreatic Microbiome is Associated with Carcinogenesis and Worse Prognosis in Males and Smokers. *Cancers (Basel), 12*(9). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32962112

Weissman, S, Takakura, K, Eibl, G, Pandol, SJ, & Saruta, M. (2020). The Diverse Involvement of Cigarette Smoking in Pancreatic Cancer Development and Prognosis. *Pancreas, 49*(5), 612-620. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32433397

Li, SS, Zhou, CY, Liao, R, Xiong, L, Weng, NN, Zhao, YQ et al (2020). ABO blood type, smoking status, other risk factors and prognosis of pancreatic ductal adenocarcinoma. *Medicine (Baltimore), 99*(14), e19413. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32243360

Molina-Montes, E, Van Hoogstraten, L, Gomez-Rubio, P, Lohr, M, Sharp, L, Molero, X et al. (2020). Pancreatic cancer risk in relation to lifetime smoking patterns, tobacco type, and dose-response relationships. *Cancer Epidemiology, Biomarkers and Prevention*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32051190

Ben, QW, Liu, J, Sun, YW, Wang, LF, Zou, DW, & Yuan, YZ. (2019). Cigarette Smoking and Mortality in Patients With Pancreatic Cancer: A Systematic Review and Meta-analysis. *Pancreas, 48*(8), 985-995. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31425484

Koyanagi, YN, Ito, H, Matsuo, K, Sugawara, Y, Hidaka, A, Sawada, N et al (2019). Smoking and pancreatic cancer incidence: a pooled analysis of ten population-based cohort studies in Japan. Cancer Epidemiol Biomarkers Prev. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31113869

Arriaga, ME, Vajdic, CM, MacInnis, RJ, Canfell, K, Magliano, DJ, Shaw, JE et al. The burden of pancreatic cancer in Australia attributable to smoking. The Medical Journal of Australia, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30656698

Liang, XH, Yan, D, Zhao, JX, Ding, W, Xu, XJ, & Wang, XY. Interaction of polymorphisms in xeroderma pigmentosum group C with cigarette smoking and pancreatic cancer risk. Oncol Lett, 2018. 16(5), 5631-5638. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6176251/pdf/ol-16-05-5631.pdf

Lugo, A, Peveri, G, Bosetti, C, Bagnardi, V, Crippa, A, Orsini, N et al. Strong excess risk of pancreatic cancer for low frequency and duration of cigarette smoking: A comprehensive review and meta-analysis. Eur J Cancer, 2018. 104, 117-126. Available from: https://www.ejcancer.com/article/S0959-8049(18)31377-7/fulltext

Nimmakayala RK, Seshacharyulu P, Lakshmanan I, Rachagani S, Chugh S, et al. Cigarette smoke induces stem cell features of pancreatic cancer cells via paf1. Gastroenterology, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29864419

Molina-Montes E, Malats N, and PanGen EUSI. Response to: Variation of the age at onset of pancreatic cancer according to tobacco smoking and family history. Int J Epidemiol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29800296

Molina-Montes E, Gomez-Rubio P, Marquez M, Rava M, Lohr M, et al. Risk of pancreatic cancer associated with family history of cancer and other medical conditions by accounting for smoking among relatives. Int J Epidemiol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29329392

Maisonneuve P and Lowenfels AB. Variation of the age at onset of pancreatic cancer according to tobacco smoking and family history. Int J Epidemiol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29800142

Yuan C, Morales-Oyarvide V, Babic A, Clish CB, Kraft P, et al. Cigarette smoking and pancreatic cancer survival. J Clin Oncol, 2017; 35(16):1822-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28358654

Pang Y, Holmes MV, Guo Y, Yang L, Bian Z, et al. Smoking, alcohol, and diet in relation to risk of pancreatic cancer in china: A prospective study of 0.5 million people. Cancer Med, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29271112

Korc M, Jeon CY, Edderkaoui M, Pandol SJ, Petrov MS, et al. Tobacco and alcohol as risk factors for pancreatic cancer. Best Pract Res Clin Gastroenterol, 2017; 31(5):529-36. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29195672

Glauert HP, Elliott RS, Han SG, Athey M, Lee EY, et al. Effect of cigarette smoke exposure and mutant kras overexpression on pancreatic cell proliferation. Oncol Lett, 2017; 13(3):1939-43. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28454347

Shakeri R, Kamangar F, Mohamadnejad M, Tabrizi R, Zamani F, et al. Opium use, cigarette smoking, and alcohol consumption in relation to pancreatic cancer. Medicine (Baltimore), 2016; 95(28):e3922. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27428185

Kumar S and Batra SK. Interlukin-22 connects smoking and pancreatic fibrosis during chronic pancreatitis. Gastroenterology, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27983953

Edderkaoui M, Xu S, Chheda C, Morvaridi S, Hu RW, et al. Hdac3 mediates smoking-induced pancreatic cancer. Oncotarget, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26745602

Antwi SO, Oberg AL, Shivappa N, Bamlet WR, Chaffee KG, et al. Pancreatic cancer: Associations of inflammatory potential of diet, cigarette smoking, and long-standing diabetes. Carcinogenesis, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26905587

Lea CS, Holly EA, and Bracci PM. Cigarette smoking and risk of pancreatic cancer: A clinic-based case-control study in the san francisco bay area. Ann Epidemiol, 2015; 25(11):816-23. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26475980

Haugvik SP, Hedenstrom P, Korsaeth E, Valente R, Hayes A, et al. Diabetes, smoking, alcohol and family history of cancer as risk factors for pancreatic neuroendocrine tumors: A systematic review and meta-analysis. Neuroendocrinology, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25613442

Wang Y, Duan H, Yang X, and Guo J. Cigarette smoking and the risk of pancreatic cancer: A case-control study. Med Oncol, 2014; 31(10):184. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25159284

Schulte A, Pandeya N, Tran B, Fawcett J, Fritschi L, et al. Cigarette smoking and pancreatic cancer risk: More to the story than just pack-years. Eur J Cancer, 2014; 50(5):997-1003. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24461200

Rezaee N, Khalifian S, Cameron JL, Pawlik TM, Hruban RH, et al. Smoking is not associated with severe dysplasia or invasive carcinoma in resected intraductal papillary mucinous neoplasms. J Gastrointest Surg, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25477314

Kumar S, Torres MP, Kaur S, Rachagani S, Joshi S, et al. Smoking accelerates pancreatic cancer progression by promoting differentiation of mdscs and inducing hb-egf expression in macrophages. Oncogene, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24909166

Adair T, Hoy D, Dettrick Z, and Lopez A. Tobacco consumption and pancreatic cancer mortality: What can we conclude from historical data in australia? European Journal of Public Health, 2011; [Epub ahead of print]. Available from: http://eurpub.oxfordjournals.org/content/early/2011/05/26/eurpub.ckr048.long

Vrieling A, Bueno-de-Mesquita H, Boshuizen H, Michaud D, Severinsen M, et al. Cigarette smoking, environmental tobacco smoke exposure and pancreatic cancer risk in the european prospective investigation into cancer and nutrition. International Journal of Cancer, 2009; 126(10):2394-403. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19790196

Lynch S, Vrieling A, Lubin J, Kraft P, Mendelsohn J, et al. Cigarette smoking and pancreatic cancer: A pooled analysis from the pancreatic cancer cohort consortium. American Journal of Epidemiology, 2009; 170(4):403–13. Available from: https://www.ncbi.nlm.nih.gov/pubmed/19561064

3.5.2.1 Risk associated with smoking

Han, X, Xu, Z, Ma, D, Ling, Z, Dong, X, Yan, X et al. (2024). Effect of smoking cessation on the likelihood of pancreatitis and pancreatic cancer. *Tob Induc Dis, 22*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39006371

Vedie, AL, Laouali, N, Gelot, A, Severi, G, Boutron-Ruault, MC, & Rebours, V. (2023). Childhood and adulthood passive and active smoking, and the ABO group as risk factors for pancreatic cancer in women. *United European Gastroenterol J*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38064161

Bogumil, D, Stram, D, Preston, DL, Pandol, SJ, Wu, AH, McKean-Cowdin, R et al. (2023). Excess pancreatic cancer risk due to smoking and modifying effect of quitting smoking: The Multiethnic Cohort Study. *Cancer Causes Control.* Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37924460

Jiang, W, Xiang, C, Du, Y, Li, X, & Zhou, W. (2023). The Global, Regional and National Burden of Pancreatic Cancer Attributable to Smoking, 1990 to 2019: A Systematic Analysis from the Global Burden of Disease Study 2019. *Int J Environ Res Public Health, 20*(2). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36674311

Andersson G, Wennersten C, Borgquist S, and Jirstrom K. Pancreatic cancer risk in relation to sex, lifestyle factors, and pre-diagnostic anthropometry in the malmo diet and cancer study. Biol Sex Differ, 2016; 7:66. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27980714

3.5.2.2 How tobacco smoke causes pancreatic cancer

Lauri, G, Apadula, L, Archibugi, L, Lazzano, P, Ponz de Leon Pisani, R, Cobreros, M et al (2024). Association of Smoking with progression from low-risk to high-risk intraductal papillary mucinous neoplasms and pancreatic cancer. *Dig Liver Dis*. Retrieved f rom https://www.ncbi.nlm.nih.gov/pubmed/38825412

Zhu, H, Choi, J, Kui, N, Yang, T, Wei, P, Li, D, & Sun, R. (2024). Identification of Pancreatic Cancer Germline Risk Variants With Effects That Are Modified by Smoking. *JCO Precis Oncol, 8*, e2300355. Retrieved f rom https://www.ncbi.nlm.nih.gov/pubmed/38564682

Zhang, H, Yu, H, Ren, D, Sun, Y, Guo, F, Cai, H et al. (2022). CBX3 Regulated By YBX1 Promotes Smoking-induced Pancreatic Cancer Progression via Inhibiting SMURF2 Expression. *Int J Biol Sci, 18*(8), 3484-3497. Retrieved f rom https://www.ncbi.nlm.nih.gov/pubmed/35637952

Chen, X, Zhang, W, Liu, R, Zhu, Z, Gong, M, Wang, Q. (2022). NNK from tobacco smoking enhances pancreatic cancer cell stemness and chemoresistance by creating a beta2AR-Akt feedback loop that activates autophagy. *Mol Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35593085

Kumar S and Batra SK. Interlukin-22 connects smoking and pancreatic fibrosis during chronic pancreatitis. Gastroenterology, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27983953

3.5.2.3 Factors affecting risk

Gram, IT, Park, SY, Wilkens, LR, Le Marchand, L, & Setiawan, VW. (2022). Smoking and pancreatic cancer: a sex-specific analysis in the Multiethnic Cohort study. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36253659

Zhang, X, Hu, D, Deng, X, Lin, J, Zheng, X, Peng, F et al (2022). Prediction of presurgical metabolic syndrome for gastric cancer-specific mortality is more evident in smokers: The FIESTA study. *Cancer Med*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36028993

Jacobs, EJ, Newton, CC, Stevens, VL, Patel, AV, Flanders, WD, & Gapstur, SM. (2020). A Large Cohort Study of Body Mass Index and Pancreatic Cancer by Smoking Status. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32962978

3.5.2.4 Impact of smoking on prognosis

Lee, GH, Kim, YH, Woo, SM, Lee, WJ, Han, SS, Park, SJ et al (2024). The Impact of the Dietary Inflammatory Index, Fasting Blood Glucose, and Smoking Status on the Incidence and Survival of Pancreatic Cancer: A Retrospective Case-Control Study and a Prospective Study. *Nutrients, 16*(22). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39599726

Leonhardt, CS, Pils, D, Qadan, M, Gustorff, C, Sahora, K, Klaiber, U et al (2023). Smoking impairs the effect of neoadjuvant FOLFIRINOX on postresection survival in pancreatic cancer. *Eur J Cancer, 193*, 113293. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37713740

Neumann, CCM, Schneider, F, Hilfenhaus, G, Vecchione, L, Benzing, C, Ihlow, J et al. (2023). Impact of Smoking, Body Weight, Diabetes, Hypertension and Kidney Dysfunction on Survival in Pancreatic Cancer Patients-A Single Center Analysis of 2323 Patients within the Last Decade. *J Clin Med, 12*(11). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37297851

Pelucchi C, Galeone C, Polesel J, Manzari M, Zucchetto A, et al. Smoking and body mass index and survival in pancreatic cancer patients. Pancreas, 2014; 43(1):47-52. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24177141

3.5.3 Stomach cancer

Fujita, K, Hayashi, M, Nakagawa, N, Kurimoto, K, Inokawa, Y, Takami, H et al. (2024). Prognostic Impact of CDKN2A Mutations Associated With Smoking and Drinking History in Japanese Digestive Cancers. *Anticancer Res, 44*(6), 2699-2707. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38821577

Scherubl, H. (2022). Tobacco Smoking and Gastrointestinal Cancer Risk. *Visc Med, 38*(3), 217-222.Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35814979

Le, HX, Truong, DTT, Tran, LB, Le, PH, Pham, BUD, Wada, K et al. (2022). A prospective cohort study on the association between waterpipe tobacco smoking and gastric cancer mortality in Northern Vietnam. *BMC Cancer, 22*(1), 803. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35864477

Sengngam, K, Hoc, TH, Phuoc, LH, Hang, DV, & Ngoan, LT. (2022). Interaction of Helicobacter pylori Infection with Waterpipe Tobacco Smoking in the Development of Stomach Cancer in Vietnamese Men. *Asian Pac J Cancer Prev, 23*(4), 1199-1206. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35485676

Zha, ZQ, Li, R, Hu, MJ, Dai, D, Song, L, Huang, F, & Liu, ZR. (2020). [Analysis on the relationship between smoking status and the onset age of onset and the direct medical expenditure expenses of gastric cancer patients]. *Zhonghua Liu Xing Bing Xue Za Zhi, 41*(9), 1482-1486. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33076603

Barrett, JR, Cherney-Stafford, L, Alagoz, E, Piper, ME, Cook, J, Campbell-Flohr, S et al. (2019). Smoking and gastrointestinal cancer patients-is smoking cessation an attainable goal? *J Surg Oncol, 120*(8), 1335-1340. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31674041

Curtin, K, Cannon-Albright, LA, VanDerslice, J, Yu, Z, Herget, KA, Thota, R, & Neklason, DW. (2019). Associations of tobacco and alcohol use with risk of neuroendocrine tumors of the small intestine in Utah. *Cancer Epidemiol Biomarkers Prev*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31558509

Butt, J, Varga, MG, Wang, T, Tsugane, S, Shimazu, T, Zheng, W et al. (2019). Smoking, Helicobacter pylori serology, and gastric cancer risk in prospective studies from China, Japan, and Korea. *Cancer Prev Res (Phila)*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31350279

Kim, K, Chang, Y, Ahn, J, Yang, HJ, Jung, JY, Kim, S et al. Smoking and urinary cotinine levels are predictors of increased risk for gastric intestinal metaplasia. Cancer Res, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30563886

Minami Y, Kanemura S, Oikawa T, Suzuki S, Hasegawa Y, et al. Associations of cigarette smoking and alcohol drinking with stomach cancer survival: A prospective patient cohort study in japan. Journal international du cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29603213

Praud D, Rota M, Pelucchi C, Bertuccio P, Rosso T, et al. Cigarette smoking and gastric cancer in the stomach cancer pooling (stop) project. Eur J Cancer Prev, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27560662

Peleteiro B, Castro C, Morais S, Ferro A, and Lunet N. Worldwide burden of gastric cancer attributable to tobacco smoking in 2012 and predictions for 2020. Dig Dis Sci, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25786860

La Torre G, Chiaradia G, Gianfagna F, De Lauretis A, Boccia S, et al. Smoking status and gastric cancer risk: An updated meta-analysis of case-control studies published in the past ten years. Tumori, 2009; 95(1):13–22. Available from: https://www.ncbi.nlm.nih.gov/pubmed/19366050

Shikata K, Doi Y, Yonemoto K, Arima H, Ninomiya T, et al. Population-based prospective study of the combined influence of cigarette smoking and *helicobacter pylori* infection on gastric cancer incidence: The hisayama study. American Journal of Epidemiology, 2008; 168(12):1409–15. Available from: http://aje.oxfordjournals.org/content/168/12/1409.full.pdf

3.5.3.1 Risk associated with smoking

Hatta, W, Koike, T, Asano, N, Hatayama, Y, Ogata, Y, Saito, M et al. (2024). The Impact of Tobacco Smoking and Alcohol Consumption on the Development of Gastric Cancers. *Int J Mol Sci, 25*(14). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39063094

Kang, SJ, Shin, CM, Han, K, Jung, JH, Jin, EH, Lim, JH et al. (2024). Impact of Smoking and Alcohol Consumption on Early-Onset Gastric Cancer Development in Young Koreans: A Population-Based Study. *J Gastric Cancer, 24*(2), 145-158. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38575508

Ren, F, Shi, Z, Shen, X, Xiao, G, Zhang, C, & Cheng, Y. (2024). The global, regional, and national burden of stomach cancer attributed to smoking in 204 countries, 1990-2019: A systematic analysis for the Global Burden of Disease Study 2019. *Tob Induc Dis, 22*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38434517

Jia, X, Sheng, C, Han, X, Li, M, & Wang, K. (2023). Global burden of stomach cancer attributable to smoking from 1990 to 2019 and predictions to 2044. *Public Health, 226*, 182-189. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38071951

Hatta, W, Koike, T, Asonuma, S, Okata, H, Uno, K, Oikawa, T et al. (2023). Smoking history and severe atrophic gastritis assessed by pepsinogen are risk factors for the prevalence of synchronous gastric cancers in patients with gastric endoscopic submucosal dissection: a multicenter prospective cohort study. *J Gastroenterol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36786863

Park, SK, Kim, MH, Oh, CM, Ha, E, Yang, EH, Hwang, WY et al. (2022). The risk of gastric cancer according to change in smoking status among the Korean men. *Epidemiol Health*, e2022086. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36228669

Li, WY, Han, Y, Xu, HM, Wang, ZN, Xu, YY, Song, YX et al. (2019). Smoking status and subsequent gastric cancer risk in men compared with women: a meta-analysis of prospective observational studies. BMC Cancer, 19(1), 377. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31014273

3.5.3.2 How tobacco smoke causes stomach cancer

Morris, MT, Piazuelo, MB, Olfert, IM, Xu, X, Hussain, S, Peek, RM, & Busada, JT. (2024). Chronic cigarette smoke exposure masks pathological features of Helicobacter pylori infection while promoting tumor initiation. *bioRxiv*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39211175

Fu, CK, Mong, MC, Tzeng, HE, Yang, MD, Chen, JC, Hsia, TC et al. (2024). The Significant Contribution of Interleukin-16 Genotypes, Smoking, Alcohol Drinking, and Helicobacter Pylori Infection to Gastric Cancer. *In Vivo, 38*(1), 90-97. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38148080

Xu, Y, Wang, J, He, Z, Rao, Z, Zhang, Z, Zhou, J et al (2023). A review on the effect of COX-2-mediated mechanisms on development and progression of gastric cancer induced by nicotine. *Biochem Pharmacol, 220*, 115980. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38081368

Liang, Z, Fang, S, Zhang, Y, Zhang, X, Xu, Y, Qian, H, & Geng, H. (2023). Cigarette Smoke-Induced Gastric Cancer Cell Exosomes Affected the Fate of Surrounding Normal Cells via the Circ0000670/Wnt/beta-Catenin Axis. *Toxics, 11*(5). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37235279

Liang, ZF, Zhang, Y, Guo, W, Chen, B, Fang, S, & Qian, H. (2022). Gastric cancer stem cell-derived exosomes promoted tobacco smoke-triggered development of gastric cancer by inducing the expression of circ670. *Med Oncol, 40*(1), 24. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36454423

Wang, L, Xiao, S, Zheng, Y, & Gao, Z. (2022). Interaction Between Vascular Endothelial Growth Factor Gene Polymorphism and Smoking on Gastric Cancer Risk in Chinese Han Population. *Pathol Oncol Res, 28*, 1610495.Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36091938

3.5.3.3 Factors affecting risk

Kim, M, Han, KD, Ko, SH, Woo, Y, & Han, JH. (2024). Effect of smoking on the risk of gastrointestinal cancer after cholecystectomy: A national population-based cohort study. *World J Gastrointest Surg, 16*(9), 2796-2807. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39351570

Fu, CK, Chien, WC, Chen, YJ, Yang, MD, Chen, JC, Ke, TW et al (2024). Impacts of Matrix Metalloproteinase-8 Genotypes, Smoking, Alcohol Drinking, and Helicobacter Pylori Infection on

Gastric Cancer. *Anticancer Res, 44*(10), 4225-4232. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39348989

Liu, M, Song, SS, & Park, S. (2024). High Polygenic Risk Scores Positively Associated with Gastric Cancer Risk Interact with Coffee and Polyphenol Intake and Smoking Status in Korean Adults. *Nutrients, 16*(19). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39408230

Han, Y, Oh, JK, & Lim, MK. (2024). The effect of healthy eating on the development of stomach and colorectal cancer by the smoking and drinking status: Results from the Korean National Cancer Center (KNCC) community cohort study. *Cancer Med, 13*(16), e70053. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39169774

Hatta, W, Koike, T, Asano, N, Hatayama, Y, Ogata, Y, Saito, M et al. (2024). The Impact of Tobacco Smoking and Alcohol Consumption on the Development of Gastric Cancers. *Int J Mol Sci, 25*(14). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39063094

Rota, M, Possenti, I, Valsassina, V, Santucci, C, Bagnardi, V, Corrao, G et al. (2024). Dose-response association between cigarette smoking and gastric cancer risk: a systematic review and meta-analysis. *Gastric Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38231449

Kim, SA, Kwak, JH, Eun, CS, Han, DS, Kim, YS, Song, KS et al. (2022). Association of Dietary Antioxidant Vitamin Intake and Gastric Cancer Risk According to Smoking Status and Histological Subtypes of Gastric Cancer: A Case-Control Study in Korea. *Nutr Cancer*, 1-10. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36453620

3.5.3.4 Impact of smoking on prognosis

Kim, SA, Choi, BY, Song, KS, Park, CH, Eun, CS, Han, DS et al. (2019). Prediagnostic Smoking and Alcohol Drinking and Gastric Cancer Survival: A Korean Prospective Cohort Study. Korean J Gastroenterol, 73(3), 141-151. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31013557

Quan, H, Ouyang, L, Zhou, H, Ouyang, Y, & Xiao, H. (2019). The effect of preoperative smoking cessation and smoking dose on postoperative complications following radical gastrectomy for gastric cancer: a retrospective study of 2469 patients. World J Surg Oncol, 17(1), 61. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30940207

3.5.4 Kidney and bladder cancers

Kumar, R, Matulewicz, R, Mari, A, Moschini, M, Ghodoussipour, S, Pradere, B et al. (2023). Impact of smoking on urologic cancers: a snapshot of current evidence. *World J Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37093319

Seisen, T, Labban, M, Lipsitz, SR, Preston, MA, Mossanen, M, Bellmunt, J et al. (2023). Assessment of the Ecological Association between Tobacco Smoking Exposure and Bladder Cancer Incidence over

the Past Half-Century in the United States. *Curr Oncol, 30*(2), 1986-1998. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36826115

Weiss, K, Matulewicz, RS, Morton, E, Shoenbill, K, Milowsky, MI, Rose, TL et al. (2022). History of the Relationship between Smoking and Bladder Cancer: A Public Health Perspective. *Urology*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35977631

Huang, Y, Wang, Q, Tang, Y, Liu, Z, Sun, G, Lu, Z, & Chen, Y. (2022). Identification and validation of a cigarette smoke-related five-gene signature as a prognostic biomarker in kidney renal clear cell carcinoma. *Sci Rep, 12*(1), 2189. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35140327

Selvaraj, N, Dholakia, K, & Ragavan, N. (2021). A Single Tertiary Center Experience in a South Asian Population: Does Tobacco Use Influence Bladder Cancer? *Cureus, 13*(10), e18734. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34796048

Minami, T, Inoue, M, Sawada, N, Yamaji, T, Iwasaki, M, & Tsugane, S. (2021). Alcohol Consumption, Tobacco Smoking, and Subsequent Risk of Renal Cell Carcinoma: The JPHC Study. *Cancer Sci*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34490717

Yu, C, Jordahl, KM, Bassett, JK, Joo, JE, Wong, EM, Brinkman, MT et al. (2021). Smoking methylation marks for prediction of urothelial cancer risk. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34526299

Matulewicz, RS, Ravvaz, K, Weissert, JA, Porten, S, Steinberg, GD, & Blue Light Cystoscopy with Cysview Registry, G. (2021). Association of smoking status and recurrence of non-muscle invasive bladder cancer among patients managed with blue light cystoscopy. *Urol Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34053856

Sheng, H, Zhang, G, Huang, Y, Sun, L, Shi, G, & Ye, D. (2021). A 5-lncRNA Signature Associated with Smoking Predicts the Overall Survival of Patients with Muscle-Invasive Bladder Cancer. *Dis Markers, 2021*, 8839747. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33688381

Erratum: Perceptions of Link between Smoking and Bladder Cancer among United States Adults. (2021). *J Urol, 205*(3), 942. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33557632

He, T, Hu, J, Qiu, D, Deng, H, Hu, J, Chen, J, & Zu, X. (2021). Smoking status and pathological response to neoadjuvant chemotherapy among patients with bladder cancer: a pooled analysis. *Transl Androl Urol, 10*(1), 374-383. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33532325

Huang, J, Leung, DK Chan, EO, Lok, V, Leung, S, Wong, I et al (2021). A Global Trend Analysis of Kidney Cancer Incidence and Mortality and Their Associations with Smoking, Alcohol Consumption, and Metabolic Syndrome. *Eur Urol Focus*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33495133

Tellini, R, Mari, A, Muto, G Cacciamani, GE, Ferro, M, Stangl-Kremser, J et al(2020). Impact of Smoking Habit on Perioperative Morbidity in Patients Treated with Radical Cystectomy for Urothelial Bladder Cancer: A Systematic Review and Meta-analysis. *Eur Urol Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33160975

Myrie, AK, & Matulewicz, RS. (2020). Perceptions of the Link Between Smoking and Bladder Cancer Among United States Adults. *J Urol*, 101097JU0000000000001415. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33053307

Gild, P, Vetterlein, MW, Seiler, R, Necchi, A, Hendricksen, K, Mertens, LS et al. (2020). The association of cigarette smoking and pathological response to neoadjuvant platinum-based chemotherapy in patients undergoing treatment for urinary bladder cancer - A prospective European multicenter observational study of the EAU Young Academic Urologists (YAU) urothelial carcinoma working group. *Surg Oncol, 34*, 312-317. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32891350

Teoh, JY, Huang, J, Ko, WY, Lok, V, Choi, P, Ng, CF et al. (2020). Global Trends of Bladder Cancer Incidence and Mortality, and Their Associations with Tobacco Use and Gross Domestic Product Per Capita. *Eur Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32972792

Mostafaei, S, & Riahi, P. (2020). Interaction Effects of Plasma Vitamins A, E, D, B9, and B12 and Tobacco Exposure in Urothelial Bladder Cancer: A Multifactor Dimensionality Reduction Analysis. *Nutr Cancer*, 1-2. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32757670

Chung, CJ, Hsu, HT, Chang, CH, Li, SW, Liu, CS, Chung, MC et al (2020). Relationships among cigarette smoking, urinary biomarkers, and urothelial carcinoma risk: a case-control study. *Environ Sci Pollut Res Int*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32729033

Fakhoury, MQ, Ghorayeb, AM, Houlihan, MD, Powers, RJ, Hurley, S, Wille, MA et al (2020). Predictive Risk Factors for Continued Smoking after the Diagnosis of a Genitourinary Malignancy. *Urology*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32663556

Lipunova, N, Wesselius, A, Cheng, KK, van Schooten, FJ, Bryan, RT, Cazier, JB, & Zeegers, MP. (2020). Gene-environment interaction with smoking for increased non-muscle-invasive bladder cancer tumor size. *Transl Androl Urol, 9*(3), 1329-1337. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32676417

Mori, K, Mostafaei, H, Abufaraj, M, Yang, L, Egawa, S, & Shariat, SF. (2020). Smoking and bladder cancer: review of the recent literature. *Curr Opin Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32701723

Sun, X, Song, J, Li, E, Geng, H, Li, Y, Yu, D, & Zhong, C. (2020). Cigarette smoke supports stemness and epithelial-mesenchymal transition in bladder cancer stem cells through SHH signaling. *Int J Clin Exp Pathol, 13*(6), 1333-1348. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32661469

Zhang, T, Sun, H, Liu, R, Cao, W, Zhang, T, Li, E et al (2020). Nanog mediates tobacco smoke-induced enhancement of renal cancer stem cell properties. *Environ Toxicol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32649042

Gansler, T, Fedewa, SA, Flanders, WD, Pollack, LA, Siegel, DA, & Jemal, A. (2020). Prevalence of Cigarette Smoking among Patients with Different Histological Types of Kidney Cancer. *Cancer Epidemiol Biomarkers Prev*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32357956

Michalek, IM, Kinnunen, TI, Kjaerheim, K, Lynge, E, Martinsen, JI, Sparen, P et al. (2020). Smoking-adjusted risk of kidney cancer by occupation: a population-based cohort study of Nordic men. *Acta Oncologica*, 1-6. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32009517

Moynihan, M, Sullivan, T, Provenzano, K, & Rieger-Christ, K. (2019). Urinary Microbiome Evaluation in Patients Presenting with Hematuria with a Focus on Exposure to Tobacco Smoke. *Res Rep Urol, 11*, 359-367. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31921713

Wojtczyk-Miaskowska, A, & Schlichtholz, B. (2019). Tobacco carcinogens and the methionine metabolism in human bladder cancer. *Mutat Res, 782*, 108281. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31843138

No authors listed. Expression of Concern: Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer. (2019). *Cancer Prev Res (Phila), 12*(10), 733-734. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31481538

Liu, X, Peveri, G, Bosetti, C, Bagnardi, V, Specchia, C, Gallus, S, & Lugo, A. (2019). Dose-response relationships between cigarette smoking and kidney cancer: A systematic review and meta-analysis. *Crit Rev Oncol Hematol, 142*, 86-93. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31387065

Rezaei, F, Tabatabaee, HR, Rahmanian, V, Mirahmadizadeh, A, & Hassanipour, S. (2019). The Correlation Between Bladder Cancer and Obesity, Overweight, Physical Inactivity, and Tobacco Use: An Ecological Study in Asian Countries. *Ann Glob Health, 85*(1). Available from: https://www.ncbi.nlm.nih.gov/pubmed/31298827

Bellamri, M, Yao, L, Bonala, R, Johnson, F, Von Weymarn, LB, & Turesky, RJ. (2019). Bioactivation of the tobacco carcinogens 4-aminobiphenyl (4-ABP) and 2-amino-9H-pyrido[2,3-b]indole (AalphaC) in human bladder RT4 cells. *Arch Toxicol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31203411

Jordahl, KM, Phipps, AI, Randolph, TW, Tindle, HA, Liu, S, Tinker, LF et al (2019). Differential DNA methylation in blood as a mediator of the association between cigarette smoking and bladder cancer risk among postmenopausal women. *Epigenetics*, 1-9. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31232174

Ben Fradj, MK, Mrad Dali, K, Kallel, A, Bibi, M, Ben Rhouma, S, Sanhaji, H et al (2019). Interaction Effects of Plasma Vitamins A, E, D, B9, and B12 and Tobacco Exposure in Urothelial Bladder Cancer: A Multifactor Dimensionality Reduction Analysis. *Nutr Cancer*, 1-8. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31058547

Kispert, S, Marentette, J, & McHowat, J. Cigarette smoking promotes bladder cancer via increased platelet-activating factor. Physiol Rep, 2019. 7(3), e13981. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30756528

Amara, CS, Ambati, CR, Vantaku, V, Piyarathna, DWB, Donepudi, SR, Ravi, SS et al. Serum metabolic profiling identified a distinct metabolic signature in Bladder Cancer Smokers: A key metabolic

enzymes associated with patient survival. Cancer Epidemiol Biomarkers Prev. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30642841

Boeri, L, Soligo, M, Frank, I, Boorjian, SA, Thompson, RH, Tollefson, M et al. Cigarette smoking is associated with adverse pathological response and increased disease recurrence amongst patients with muscle-invasive bladder cancer treated with cisplatin-based neoadjuvant chemotherapy and radical cystectomy: a single-centre experience. BJU Int, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30623554

van Osch, FHM, Vlaanderen, J, Jochems, SHJ, Bosetti, C, Polesel, J, Porru, S et al. Modeling the complex exposure history of smoking in predicting bladder cancer: a pooled analysis of 15 case-control studies. Epidemiology, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30601243

Fantini, D, Seiler, R, & Meeks, JJ. Molecular footprints of muscle-invasive bladder cancer in smoking and nonsmoking patients. Urol Oncol, 2018. Available from: https://www.urologiconcology.org/article/S1078-1439(18)30381-8/fulltext

Hadkhale, K, Martinsen, JI, Weiderpass, E, Kjaerheim, K, Sparen, P, Tryggvadottir, L et al. Occupational variation in bladder cancer in Nordic males adjusted with approximated smoking prevalence. Acta Oncol, 2018. 1-9. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30320536

Zhang, L, Wang, Y, Qin, Z, Li, R, Cong, R, Ji, C et al. TP53 codon 72 Polymorphism and bladder cancer risk: a meta-analysis and emphasis on the role of tumor or smoking status. J Cancer, 2018. 9(19), 3522-3531. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6171014/pdf/jcav09p3522.pdf

Gilfrich, C, Maurer, O, Spachmann, PJ, Dombrowski, MK, Burger, M, May, M. Wake-up call for more doctor-patient communication and an increase in public information campaigns on the risk factor of smoking with regard to the development and prognosis of bladder cancer. World J Urol, Aug 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30099579

Teleka S, Haggstrom C, Nagel G, Bjorge T, Manjer J, et al. Risk of bladder cancer by disease severity in relation to metabolic factors and smoking; a prospective pooled cohort study of 800,000 men and women. Journal international du cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29756343

Qian W, Kong X, Zhang T, Wang D, Song J, et al. Cigarette smoke stimulates the stemness of renal cancer stem cells via sonic hedgehog pathway. Oncogenesis, 2018; 7(3):24. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29540668

Barbosa ALA, Vermeulen S, Aben KK, Grotenhuis AJ, Vrieling A, et al. Smoking intensity and bladder cancer aggressiveness at diagnosis. PLoS ONE, 2018; 13(3):e0194039. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29570711

Yu D, Geng H, Liu Z, Zhao L, Liang Z, et al. Cigarette smoke induced urocystic epithelial mesenchymal transition via mapk pathways. Oncotarget, 2017; 8(5):8791-800. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28060741

Wang XC, Wang J, Tao HH, Zhang C, and Xu LF. Combined effects of nqo1 pro187ser or sult1a1 arg213his polymorphism and smoking on bladder cancer risk: Two meta-analyses. Int J Occup Med Environ Health, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28589969

van Osch FHM, Pauwels C, Jochems SHJ, Fayokun R, James ND, et al. Tar, nicotine and carbon monoxide yield of uk cigarettes and the risk of non-muscle-invasive and muscle-invasive bladder cancer. Eur J Cancer Prev, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28683008

Sun X, Hoadley KA, Kim WY, Furberg H, Olshan AF, et al. Age at diagnosis, obesity, smoking, and molecular subtypes in muscle-invasive bladder cancer. Cancer Causes Control, 2017; 28(6):539-44. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28321693

Soria F, Marra G, Capoun O, Soukup V, and Gontero P. Prevention of bladder cancer incidence and recurrence: Tobacco use. Curr Opin Urol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28984720

Park SM, Li T, Wu S, Li WQ, Qureshi AA, et al. Risk of second primary cancer associated with pre-diagnostic smoking, alcohol, and obesity in women with keratinocyte carcinoma. Cancer Epidemiol, 2017; 47:106-13. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28242577

Kispert SE, Marentette J, Campian EC, Isbell TS, Kuenzel H, et al. Cigarette smoke-induced urothelial cell damage: Potential role of platelet-activating factor. Physiol Rep, 2017; 5(5). Available from: http://www.ncbi.nlm.nih.gov/pubmed/28270596

Kawada T. Bladder cancer and smoking with special reference to education. Eur J Cancer, 2017; 75:1-2. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28214422

Hara T, Fujimoto H, Kondo T, Shinohara N, Obara W, et al. Active heavy cigarette smoking is associated with poor survival in japanese patients with advanced renal cell carcinoma: Sub-analysis of the multi-institutional national database of the japanese urological association. Jpn J Clin Oncol, 2017:1-8. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29121328

Awan KH, Siddiqi K, Patil S, and Hussain QA. Assessing the effect of waterpipe smoking on cancer outcome - a systematic review of current evidence. Asian Pac J Cancer Prev, 2017; 18(2):495-502. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28345836

Wilcox AN, Silverman DT, Friesen MC, Locke SJ, Russ DE, et al. Smoking status, usual adult occupation, and risk of recurrent urothelial bladder carcinoma: Data from the cancer genome atlas (tcga) project. Cancer Causes Control, 2016; 27(12):1429-35. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27804056

van Osch FH, Jochems SH, van Schooten FJ, Bryan RT, and Zeegers MP. Quantified relations between exposure to tobacco smoking and bladder cancer risk: A meta-analysis of 89 observational studies. Int J Epidemiol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27097748

Thong AE, Petruzella S, Orlow I, Zabor EC, Ehdaie B, et al. Accuracy of self-reported smoking exposure among bladder cancer patients undergoing surveillance at a tertiary referral center. Eur Urol Focus, 2016; 2(4):441-4. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28723477

Sosnowski R, Bjurlin MA, Verze P, De Nunzio C, Shariat SF, et al. Role of cigarette smoking in urological malignancies and clinical interventions for smoking cessation. Cent European J Urol, 2016; 69(4):366-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28127452

Shiota M, Yokomizo A, Takeuchi A, Inokuchi J, Tatsugami K, et al. Smoking effect on secondary bladder cancer after external beam radiotherapy for prostate cancer. Jpn J Clin Oncol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27432454

Purdue MP and Silverman DT. Clearing the air: Summarizing the smoking-related relative risks of bladder and kidney cancer. Eur Urol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27130147

Masaoka H, Matsuo K, Ito H, Wakai K, Nagata C, et al. Cigarette smoking and bladder cancer risk: An evaluation based on a systematic review of epidemiologic evidence in the japanese population. Jpn J Clin Oncol, 2016; 46(3):273-83. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26941372

Liu S, Chaudhry MR, Berrebi AA, Papadimitriou JC, Drachenberg CB, et al. Polyomavirus replication and smoking are independent risk factors for bladder cancer after renal transplantation. Transplantation, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27232933

Li HM, Azhati B, Rexiati M, Wang WG, Li XD, et al. Impact of smoking status and cumulative smoking exposure on tumor recurrence of non-muscle-invasive bladder cancer. Int Urol Nephrol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27766490

Kumondai M, Hosono H, Orikasa K, Arai Y, Arai T, et al. Cyp2a13 genetic polymorphisms in relation to the risk of bladder cancer in japanese smokers. Biol Pharm Bull, 2016; 39(10):1683-6. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27725446

Kumondai M, Hosono H, Orikasa K, Arai Y, Arai T, et al. Genetic polymorphisms of cyp2a6 in a case-control study on bladder cancer in japanese smokers. Biol Pharm Bull, 2016; 39(1):84-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26725431

Joshi M, Millis SZ, Arguello D, Holder SL, Lamm D, et al. Molecular characterization of bladder cancer in smokers versus nonsmokers. Eur Urol Focus, 2016. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28753770

Hoque MO. Differences in the molecular characteristics of bladder cancer between smokers and nonsmokers. Eur Urol Focus, 2016. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28753779

Guan X, Qi L, and Liu L. Re: Roman sosnowski, paolo verze, cosimo de nunzio, and marc a. Bjurlin's letter to the editor re: Marcus g. Cumberbatch, matteo rota, james w.F. Catto, carlo la vecchia. The role of tobacco smoke in bladder and kidney carcinogenesis: A comparison of exposures and meta-analysis of incidence and mortality risks. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.06.042: Smoking cessation and urology: A new domain for prevention and treatment. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.09.035. Eur Urol, 2016. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27856015

Fajkovic H, Shariat SF, Klatte T, Vartolomei MD, Lucca I, et al. Impact of smoking status on survival after cytoreductive nephrectomy for metastatic renal cell carcinoma. World J Urol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26879416

Dy GW, Gore JL, Forouzanfar MH, Naghavi M, and Fitzmaurice C. Global burden of urologic cancers, 1990-2013. Eur Urol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28029399

Deng QF, Sun X, Liang ZF, Zhang ZQ, Yu DX, et al. Cigarette smoke extract induces the proliferation of normal human urothelial cells through the nf-kappab pathway. Oncol Rep, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26883573

van Osch FH, Jochems SH, van Schooten FJ, Bryan RT, and Zeegers MP. Significant role for lifetime cigarette smoking in worsening bladder cancer and upper tract urothelial carcinoma prognosis: A meta-analysis. J Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26523878

Sosnowski R, Verze P, Nunzio C, and Bjurlin MA. Re: Marcus g. Cumberbatch, matteo rota, james w.F. Catto, carlo la vecchia. The role of tobacco smoke in bladder and kidney carcinogenesis: A comparison of exposures and meta-analysis of incidence and mortality risks. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.06.042: Smoking cessation and urology: A new domain for prevention and treatment. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26456679

Schwender H, Selinski S, Blaszkewicz M, Marchan R, Ickstadt K, et al. Correction: Distinct snp combinations confer susceptibility to urinary bladder cancer in smokers and non-smokers. PLoS ONE, 2015; 10(9):e0137937. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26335700

Pietzak EJ, Mucksavage P, Guzzo TJ, and Malkowicz SB. Heavy cigarette smoking and aggressive bladder cancer at initial presentation. Urology, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26190088

Patel NH, Attwood KM, Hanzly M, Creighton TT, Mehedint DC, et al. Comparative analysis of smoking as a risk factor among renal cell carcinoma histologic subtypes. J Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25896558

Liu W, Zhao X, and Zhong Z. Re: Marcus g. Cumberbatch, matteo rota, james w.F. Catto, carlo la vecchia. The role of tobacco smoke in bladder and kidney carcinogenesis: A comparison of exposures and meta-analysis of incidence and mortality risks. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.06.042. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26343004

Lacombe L, Fradet V, Levesque E, Pouliot F, Larue H, et al. Phase ii drug metabolizing polymorphisms and smoking status predict recurrence of non-muscle invasive bladder cancer: A gene-smoking interaction. Cancer Prev Res (Phila), 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26645279

Goossens ME, Brinkman M, Zeegers MP, and Buntinx F. Re: "Is the inverse association between selenium and bladder cancer due to confounding by smoking?". Am J Epidemiol, 2015; 182(10):894. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26520359

Ghadimi T, Gheitasi B, Nili S, Karimi M, and Ghaderi E. Occupation, smoking, opium, and bladder cancer: A case-control study. South Asian J Cancer, 2015; 4(3):111-4. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26942139

Cumberbatch MG, Rota M, Catto JW, and La Vecchia C. Reply to wentao liu, xiaokun zhao, zhaohui zhong's letter to the editor re: Marcus g. Cumberbatch, matteo rota, james w.F. Catto, carlo la

vecchia. The role of tobacco smoke in bladder and kidney carcinogenesis: A comparison of exposures and meta-analysis of incidence and mortality risks. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.06.042. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26362091

Cumberbatch MG, Rota M, Catto JW, and La Vecchia C. The role of tobacco smoke in bladder and kidney carcinogenesis: A comparison of exposures and meta-analysis of incidence and mortality risks. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26149669

Beane Freeman LE, Karagas MR, Baris D, Schwenn M, Johnson AT, et al. Is the inverse association between selenium and bladder cancer due to confounding by smoking? Am J Epidemiol, 2015; 181(7):488-95. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25776013

Aliramaji A, Kaseean A, Yousefnia Pasha YR, Shafi H, Kamali S, et al. Age distribution types of bladder cancers and their relationship with opium consumption and smoking. Caspian J Intern Med, 2015; 6(2):82-6. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26221505

Re: "Is the inverse association between selenium and bladder cancer due to confounding by smoking?". Am J Epidemiol, 2015; 182(3):280. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26220484

Wyszynski A, Tanyos SA, Rees JR, Marsit CJ, Kelsey KT, et al. Body mass and smoking are modifiable risk factors for recurrent bladder cancer. Cancer, 2014; 120(3):408-14. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24122218

Wang LC, Xylinas E, Kent MT, Kluth LA, Rink M, et al. Combining smoking information and molecular markers improves prognostication in patients with urothelial carcinoma of the bladder. Urol Oncol, 2014; 32(4):433-40. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24433754

Polesel J, Bosetti C, di Maso M, Montella M, Libra M, et al. Duration and intensity of tobacco smoking and the risk of papillary and non-papillary transitional cell carcinoma of the bladder. Cancer Causes Control, 2014; 25(9):1151-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24964779

Pietzak EJ and Malkowicz SB. Does quantification of smoking history correlate with initial bladder tumor grade and stage? Curr Urol Rep, 2014; 15(7):416. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24832198

Eckel-Passow JE, Serie DJ, Bot BM, Joseph RW, Cheville JC, et al. Anks1b is a smoking-related molecular alteration in clear cell renal cell carcinoma. BMC Urol, 2014; 14:14. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24479813

Crivelli JJ, Xylinas E, and Shariat SF. Re: Impact of smoking status on bladder tumor recurrence after radical nephroureterectomy for upper tract urothelial carcinoma: M. Hagiwara, e. Kikuchi, n. Tanaka, k. Matsumoto, h. Ide, a. Miyajima, t. Masuda, s. Nakamura and m. Oya j urol 2013; 189: 2062-2068. J Urol, 2014; 191(2):557-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24239421

Bassett JC, Gore JL, Kwan L, Ritch CR, Barocas DA, et al. Knowledge of the harms of tobacco use among patients with bladder cancer. Cancer, 2014; 120(24):3914-22. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25385059

Wood DP. Re: Combination of molecular alterations and smoking intensity predicts bladder cancer outcome: A report from the los angeles cancer surveillance program. J Urol, 2013; 190(5):1714. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24120776

Baris D, Karagas M, Verrill C, Johnson A, Andrew A, et al. A case-control study of smoking and bladder cancer risk: Emergent patterns over time. Journal of the National Cancer Institute, 2009; 101(22):1553–61. Available from: https://www.ncbi.nlm.nih.gov/pubmed/19917915

Alberg A and Hebert J. Cigarette smoking and bladder cancer: A new twist in an old saga? Journal of the National Cancer Institute, 2009; 101(22):1525–6. Available from: https://www.ncbi.nlm.nih.gov/pubmed/19917914

Theis R, Dolwick Grieb S, Burr D, Siddiqui T, and Asal N. Smoking, environmental tobacco smoke and risk of renal cell cancer: A population-based case-control study. BMC Cancer, 2008; 8(1):387. Available from: http://www.biomedcentral.com/content/pdf/1471-2407-8-387.pdf

Aveyard P, Adab P, Cheng K, Wallace D, Hey K, et al. Does smoking status influence the prognosis of bladder cancer? A systematic review. BJU international, 2002; 90(3):228-39. Available from: http://www.phc.ox.ac.uk/publications/311349

3.5.4.1 Risk associated with smoking

Chen, C, Fan, G, Li, P, Yang, E, Jing, S, Shi, Y et al. (2024). Effect of smoking on the recurrence and progression of non-muscle-invasive bladder cancer. *Clin Transl Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39266874

Yuan, J, Chen, L, Zhou, J, Zang, X, Zhang, T, Ju, X et al. (2024). Global burden of bladder cancer attributable to smoking in 204 countries and territories, 1990-2019. *Heliyon, 10*(13), e34114. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39091950

Cui, H, Du, J, Xue, H, Zhao, Y, & Li, C. (2024). The causal relationship between smoking, alcohol consumption, and renal clear cell carcinoma: a Mendelian randomization study. *Front Genet, 15*, 1391542. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38957811

Teng, C, Lu, W, Che, J, Wu, Y, Meng, D, & Shan, Y. (2024). Association of Pro-Inflammatory Diet, Smoking, and Alcohol Consumption with Bladder Cancer: Evidence from Case-Control and NHANES Studies from 1999 to 2020. *Nutrients, 16*(11).Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38892724

Hadji, M, Rashidian, H, Marzban, M, Rezaianzadeh, A, Ansari-Moghaddam, A, Bakhshi, M et al. (2024). Unveiling an Association between Waterpipe Smoking and Bladder Cancer Risk: A Multicenter Case-Control Study in Iran. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38180357

Pramod, SV, Safriadi, F, Hernowo, BS, Dwiyana, RF, Trianasari, N, & Egawa, S. (2023). Cytoplasmic Androgen Receptor, CD24 Expression and Smoking Intensity to Urothelial Carcinoma of the Bladder Invasiveness: A Cross-Sectional Study. *Res Rep Urol, 15*, 485-494. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37933300

Baghery, F, Lau, LDW, Mohamadi, M, Vazirinejad, R, Ahmadi, Z, Javedani, H et al. (2023). Risk of urinary tract cancers following arsenic exposure and tobacco smoking: a review. *Environ Geochem Health*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37248359

Pang, L, Ding, Z, Chai, H, Li, F, Wu, M, & Shuang, W. (2022). Causal relationship between smoking status, smoking frequency and bladder cancer: a Mendelian randomization study. *Genes Genomics*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36508086

Slusarczyk, A, Zapala, P, Zapala, L, & Radziszewski, P. (2022). The impact of smoking on recurrence and progression of non-muscle invasive bladder cancer: a systematic review and meta-analysis. *J Cancer Res Clin Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36404390

Xiong, J, Yang, L, Deng, YQ, Yan, SY, Gu, JM, Li, BH et al. (2022). The causal association between smoking, alcohol consumption and risk of bladder cancer: A univariable and multivariable Mendelian randomization study. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35904850

Zhao, X, Wang, Y, & Liang, C. (2022). Cigarette smoking and risk of bladder cancer: a dose-response meta-analysis. *Int Urol Nephrol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35332429

Furberg, H, Petruzella, S, Whiting, K, Stein, E, Orlow, I, Kenney, J et al. (2022). Association of Biochemically Verified Post-diagnosis Smoking and Non-muscle Invasive Bladder Cancer Recurrence Risk. *J Urol*, 101097JU0000000000002449. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35084998

Ide, H, Kikuchi, E, Ogihara, K, Niwa, N, Shigeta, K, Masuda, T et al. (2021). Urinary pH is an independent predictor of upper tract recurrence in non-muscle-invasive bladder cancer patients with a smoking history. *Sci Rep, 11*(1), 20675. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34667220

Chang SS. Re: Phase ii drug-metabolizing polymorphisms and smoking predict recurrence of non-muscle-invasive bladder cancer: A gene-smoking interaction. J Urol, 2017; 198(1):40. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28618712

Liss MA, White M, Natarajan L, and Parsons JK. Exercise decreases and smoking increases bladder cancer mortality. Clin Genitourin Cancer, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28007367

3.5.4.2 How tobacco smoke causes kidney and bladder cancers

Mao, Z, Gao, F, Sun, T, Xiao, Y, Wu, J, Xiao, Y et al. (2024). RB1 Mutations Induce Smoking-Related Bladder Cancer by Modulating the Cytochrome P450 Pathway. *Environ Toxicol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39239764

Eminaga, O, Lau, H, Shkolyar, E, Wardelmann, E, & Abbas, M. (2024). Deep learning identifies histopathologic changes in bladder cancers associated with smoke exposure status. *PLoS One, 19*(7), e0305135. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39083547

Zhao, Y, Ma, N, Wu, W, Wu, Y, Zhang, W, Qian, W et al. (2024). DeltaNp63alpha promotes cigarette smoke-induced renal cancer stem cell activity via the Sonic Hedgehog pathway. *Genet Mol Biol, 47*(2), e20230347. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38985013

Vermeulen, R, Bodinier, B, Dagnino, S, Wada, R, Wang, X, Silverman, D et al . (2024). A prospective study of smoking-related white blood cell DNA methylation markers and risk of bladder cancer. *Eur J Epidemiol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38554236

Jiang, J, Yang, L, Chen, M, Xiao, F, Zeng, Y, Zhu, H et al. (2023). Smoking enhanced the expression of c-kit in chromophobe renal cell carcinoma. *Tob Induc Dis, 21*, 126 Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37808589

Alshehri, E, Al-Dogmi, AM, Al-Hazani, TMI, Alwaili, MA, Safhi, FA, Alneghery, LM et al. (2023). Patterns of mutations in nine cancer-related genes and PAF development among smoking male patients diagnosed with bladder cancer. *Tumour Biol, 45*(1), 1-14. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36806529

Bellamri, M, Walmsley, SJ, Brown, C, Brandt, K, Konorev, D, Day, A et al. (2022). DNA Damage and Oxidative Stress of Tobacco Smoke Condensate in Human Bladder Epithelial Cells. *Chem Res Toxicol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35877975

Ma, W, Zhang, W, Shen, L, Liu, J, Yang, F, Maskey, N et al. (2021). Can Smoking Cause Differences in Urine Microbiome in Male Patients With Bladder Cancer? A Retrospective Study. *Front Oncol, 11*, 677605. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34168995

Reigle, J, Secic, D, Biesiada, J, Wetzel, C, Shamsaei, B, Chu, J et al (2020). Tobacco smoking induces metabolic reprogramming of renal cell carcinoma. *Journal of Clinical Investigation*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32970633

3.5.4.3 Factors affecting risk

Chen, H, Cai, Z, Dong, X, Chen, W, Cao, C, Zheng, S et al. (2024). Cigarette smoking-related OLC1 overexpression associated with poor prognosis in bladder urothelial carcinoma. *Life Sci, 351*, 122821. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38880167

Wei, H, Cheng, X, Wang, G, Li, Z, Du, W, Ju, L et al. (2024). Causal association of smoking, blood lipids, and bladder cancer: Insights from a multivariable and mediation mendelian randomization investigation. *J Cancer, 15*(7), 1929-1939. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38434974

Beatrici, E, Labban, M Filipas, DK, Stone, BV, Reis, LO, Dagnino, F et al. (2024). Smoking characteristics and years since quitting smoking of US adults diagnosed with lung and bladder cancer: A national health and nutrition examination survey analysis. *Int Braz J Urol, 50*(2), 199-208 Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38386790

Kim, HJ, Kim, KH, Lee, SW, Swan, H, Kazmi, SZ, Kim, YS et al. (2023). Familial Risk and Interaction With Smoking and Alcohol Consumption in Bladder Cancer: A Population-Based Cohort Study. *World J Oncol, 14*(5), 382-391. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37869241

Karimi, M, Mendez-Pineda, S, Blanche, H, Boland, A, Besse, C, Deleuze, JF et al. (2023). A Case-Only Genome-Wide Interaction Study of Smoking and Bladder Cancer Risk: Results from the COBLAnCE Cohort. *Cancers (Basel), 15*(17). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37686494

Pradhan, P, Jia, G, Khankari, NK, & Zheng, W. (2023). Evaluating interactions of polygenic risk scores and NAT2 genotypes with tobacco smoking in bladder cancer risk. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37728483

Laukhtina, E, & Shariat, SF. (2023). Smoking, ethnicity and bladder cancer - implications for public health and clinical practice. *Nat Rev Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37464063

Campi, R, Rebez, G, Klatte, T, Roussel, E, Ouizad, I, Ingels, A et al. (2023). Effect of smoking, hypertension and lifestyle factors on kidney cancer - perspectives for prevention and screening programmes. *Nat Rev Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37328546

Liu, Y, Zhao, YC, Lu, Y, Goodarz, D, & Gershman, B. (2023). The role of smoking in explaining racial/ethnic disparities in bladder cancer incidence in the United States. *Urol Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36849327

Gao, F, Li, H, Mao, Z, Xiao, Y, Du, M, Wang, S et al. (2022). An integrative approach for identification of smoking-related genes involving bladder cancer. *Arch Toxicol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36220961

Abdolahinia, Z, Pakmanesh, H, Mirzaee, M, Bazrafshan, A, Shafiei Bafti, M, & Shahesmaeili, A. (2021). Opium and Cigarette Smoking are Independently Associated with Bladder Cancer: The Findings of a Matched Case - Control Study. *Asian Pac J Cancer Prev, 22*(10), 3385-3391. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34711016

Avirmed, S, Khuanbai, Y, Sanjaajamts, A, Selenge, B, Dagvadorj, BU, & Ohashi, M. (2021). Modifying Effect of Smoking on GSTM1 and NAT2 in Relation to the Risk of Bladder Cancer in Mongolian Population: A Case-Control Study. *Asian Pac J Cancer Prev, 22*(8), 2479-2485. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34452561

Utami, TW, Kusuma, F, Winarto, H, Anggraeni, TD Peters, AAW, Spaans, V et al. (2021). Tobacco use and its association with HPV infection in normal uterine cervix: A study from a Sustainable Development Goals perspective. *Tob Induc Dis, 19*, 64. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34413719

Czyzyk-Krzeska, MF, Meller, J, Landero Figueroa, JA, Plas, DR, & Cunningham, JT. (2021). Metabolic subtypes of clear cell renal cell carcinoma defined by tobacco smoking. *Mol Cell Oncol, 8*(2), 1859917. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33860076

Hashemian, M, Sinha, R, Murphy, G, Weinstein, SJ, Liao, LM, Freedman, ND et al. (2019). Coffee and tea drinking and risk of cancer of the urinary tract in male smokers. Ann Epidemiol. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31023511

Kawada T. Bladder cancer and smoking with special reference to education. Eur J Cancer, 2017; 75:1-2. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28214422

3.5.4.4 Impact of smoking on prognosis

Kiebach, J, Beeren, I, Aben, KKH, Witjes, JA, van der Heijden, AG, Kiemeney, L, & Vrieling, A. (2024). Smoking behavior and the risks of tumor recurrence and progression in patients with non-muscle-invasive bladder cancer. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39499231

Xiang, L, Xie, QQ, Xu, SS, Ruan, WJ, Xu, DH, Gan, YY et al. (2024). Association between tobacco exposure and bladder cancer recurrence: A systematic review and meta-analysis. *World J Methodol, 14*(2), 91889. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38983655

Kong, J, Zou, Y, Zhou, H, Huang, Y, Lin, Y, Fang, S et al. (2024). Assessing the predictive value of smoking history for immunotherapy outcomes in bladder cancer patients. *Front Immunol, 15*, 1404812. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38938564

Wang, Y, Zhu, H, Zhang, L, He, J, Bo, J, Wang, J et al. (2024). Common immunological and prognostic features of lung and bladder cancer via smoking-related genes: PRR11 gene as potential immunotherapeutic target. *J Cell Mol Med, 28*(10), e18384. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38760964

Kay, H, Silver, SN, Smith, AB, Basak, R, Shoenbill, K, Usinger, D et al. (2024). Bladder Cancer Survivors Who Do Not Smoke Have Better Longitudinal Health-Related Quality of Life Measures: An Assessment of the Comparative Effectiveness of Survivorship Health in Bladder Cancer (CEASE-BC) Study. *J Urol*, 101097JU0000000000003964. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38603576

Kay, H, Matulewicz, RS, & Bjurlin, MA. (2024). Clearing the Smoke: Underreporting of Smoking Status in Food and Drug Administration-Approved Bladder Cancer Therapeutic Trials. *J Urol*, 101097JU0000000000003853. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38299550

Baral, A, Cranford, HM, Sharma, J, & Pinheiro, PS. (2023). The prognostic role of cigarette smoking in Kidney Cancer Survival. *Cancer Med*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37199389

Ling, Y, Li, J, & Zhou, L. (2023). Smoking-related epigenetic modifications are associated with the prognosis and chemotherapeutics of patients with bladder cancer. *Int J Immunopathol Pharmacol, 37*, 3946320231166774. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37011378

Kwan, ML, Haque, R, Young-Wolff, KC, Lee, VS, Roh, JM, Ergas, IJ et al (2022). Smoking Behaviors and Prognosis in Patients With Non-Muscle-Invasive Bladder Cancer in the Be-Well Study. *JAMA Netw Open, 5*(11), e2244430. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36449286

Jee, Y, Jung, KJ, Back, JH, Lee, SM, & Lee, SH. (2020). Trajectory of smoking and early bladder cancer risk among Korean young adult men. *Cancer Causes Control, 31*(10), 943-949. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32812183

Yu D, Geng H, Liu Z, Zhao L, Liang Z, et al. Cigarette smoke induced urocystic epithelial mesenchymal transition via mapk pathways. Oncotarget, 2017; 8(5):8791-800. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28060741

Hou L, Hong X, Dai M, Chen P, Zhao H, et al. Association of smoking status with prognosis in bladder cancer: A meta-analysis. Oncotarget, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27902481

Aveyard P, Adab P, Cheng K, Wallace D, Hey K, et al. Does smoking status influence the prognosis of bladder cancer? A systematic review. BJU international, 2002; 90(3):228-39. Available from: http://www.phc.ox.ac.uk/publications/311349

3.5.5 Cervical cancer

Lin, YY, Damgacioglu, H, Suk, R, Wu, CF, Zhu, Y, Ortiz, AP et al. (2022). Trends in the Incidence of Human Papillomavirus-Associated Cancers by County-Level Income and Smoking Prevalence in the United States, 2000-2018. *JNCI Cancer Spectr, 6*(2). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35603851

Kim, JM, Yang, YS, Lee, SH, & Jee, SH. (2021). Association between Early Menopause, Gynecological Cancer, and Tobacco Smoking: A Cross-Sectional Study. *Asian Pac J Cancer Prev, 22*(10), 3165-3170. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34710992

Nagelhout, G, Ebisch, RM, Van Der Hel, O, Meerkerk, GJ, Magnee, T, De Bruijn, T, & Van Straaten, B. (2021). Is smoking an independent risk factor for developing cervical intra-epithelial neoplasia and cervical cancer? A systematic review and meta-analysis. *Expert Review of Anticancer Therapy*, 1-14. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33663309

Aguayo, F, Munoz, JP, Perez-Dominguez, F, Carrillo-Beltran, D, Oliva, C, Calaf, GM et al. (2020). High-Risk Human Papillomavirus and Tobacco Smoke Interactions in Epithelial Carcinogenesis. *Cancers (Basel), 12*(8). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32781676

Nersesyan, A, Muradyan, R, Kundi, M, Fenech, M, Bolognesi, C, & Knasmueller, S. (2020). Smoking causes induction of micronuclei and other nuclear anomalies in cervical cells. *Int J Hyg Environ Health, 226*, 113492. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32088596

Koshiyama, M, Nakagawa, M, & Ono, A. (2019). The Preventive Effect of Dietary Antioxidants Against Cervical Cancer Versus the Promotive Effect of Tobacco Smoking. *Healthcare (Basel), 7*(4). Available from: https://www.ncbi.nlm.nih.gov/pubmed/31847279

Siokos, AG, Siokou-Siova, O, & Tzafetas, I. (2019). Correlation between cervical carcinogenesis and tobacco use by sexual partners. *Hell J Nucl Med, 22 Suppl 2*, 184-190. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31802062

Puleo, GE, Borger, TN, Montgomery, D, Rivera Rivera, JN, & Burris, JL. (2019). A Qualitative Study of Smoking-Related Causal Attributions and Risk Perceptions in Cervical Cancer Survivors. *Psychooncology*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31733086

An, L, Zhou, X, Li, W, Wang, Y, Shi, H, & Xie, T. (2018). Association between secondhand smoke exposure and abnormal cervical cytology: A one-to-one matched case-control study. *Tob Induc Dis, 16*, 56. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31516453

Kacel, EL, Kirsch, JL, Sannes, TS, Patidar, S, Postupack, R, Jensen, S et al. (2019). Interleukin-6 and body mass index, tobacco use, and sleep in gynecologic cancers. *Health Psychol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31368718

Munoz, JP, Carrillo-Beltran, D, Aedo-Aguilera, V, Calaf, GM, Leon, O, Maldonado, E et al. Tobacco Exposure Enhances Human Papillomavirus 16 Oncogene Expression via EGFR/PI3K/Akt/c-Jun Signaling Pathway in Cervical Cancer Cells. Front Microbiol, 2018. 9, 3022. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30619121

Sugawara, Y, Tsuji, I, Mizoue, T, Inoue, M, Sawada, N, Matsuo, K et al. Cigarette smoking and cervical cancer risk: an evaluation based on a systematic review and meta-analysis among Japanese women. Jpn J Clin Oncol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30407555

Zidi S, Sahli M, Mezlini A, and Yacoubli-Loueslati B. Association of combined tobacco smoking, hormonal contraceptive use and status matrimonial with cervical cancer evolution in tunisian women. Pathol Oncol Res, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29872962

Tarney CM, Beltran TA, Klaric J, and Han JJ. Tobacco use and prevalence of human papillomavirus in self-collected cervicovaginal swabs between 2009 and 2014. Obstet Gynecol, 2018; 132(1):45-51. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29889765

Fang JH, Yu XM, Zhang SH, and Yang Y. Effect of smoking on high-grade cervical cancer in women on the basis of human papillomavirus infection studies. J Cancer Res Ther, 2018; 14(Supplement):S184-S9. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29578171

Chatzistamatiou K, Moysiadis T, Vryzas D, Chatzaki E, Kaufmann AM, et al. Cigarette smoking promotes infection of cervical cells by high-risk human papillomaviruses, but not subsequent e7 oncoprotein expression. Int J Mol Sci, 2018; 19(2). Available from: https://www.ncbi.nlm.nih.gov/pubmed/29385075

Satinder K, Sobti RC, and Pushpinder K. Impact of single nucleotide polymorphism in chemical metabolizing genes and exposure to wood smoke on risk of cervical cancer in north-indian women. Exp Oncol, 2017; 39(1):69-74. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28361858

Feng RM, Hu SY, Zhao FH, Zhang R, Zhang X, et al. Role of active and passive smoking in high-risk human papillomavirus infection and cervical intraepithelial neoplasia grade 2 or worse. J Gynecol Oncol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28657217

Eldridge RC, Pawlita M, Wilson L, Castle PE, Waterboer T, et al. Smoking and subsequent human papillomavirus infection: A mediation analysis. Ann Epidemiol, 2017; 27(11):724-30 e1. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29107447

Neamtiu IA, Bloom MS, Dumitrascu I, Roba CA, Pop C, et al. Impact of exposure to tobacco smoke, arsenic, and phthalates on locally advanced cervical cancer treatment-preliminary results. PeerJ, 2016; 4:e2448. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27652000

Mayadev J, Lim J, Durbin-Johnson B, Valicenti R, and Alvarez E. Smoking decreases survival in locally advanced cervical cancer treated with radiation. Am J Clin Oncol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26808259

Pena N, Carrillo D, Munoz JP, Chnaiderman J, Urzua U, et al. Tobacco smoke activates human papillomavirus 16 p97 promoter and cooperates with high-risk e6/e7 for oxidative DNA damage in lung cells. PLoS ONE, 2015; 10(4):e0123029. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25830243

Mzarico E, Gomez-Roig MD, Guirado L, Lorente N, and Gonzalez-Bosquet E. Relationship between smoking, hpv infection, and risk of cervical cancer. Eur J Gynaecol Oncol, 2015; 36(6):677-80. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26775350

Jiang J, Pang H, Liu B, Nasca PC, Zhang B, et al. Effects of active, passive, and combined smoking on cervical cancer mortality: A nationwide proportional mortality study in chinese urban women. Cancer Causes Control, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25898822

Soares GR, Demathe A, Mattar NJ, Biasoli ER, and Miyahara GI. Absence of hpv infection is associated with smoker patients with squamous cell carcinoma of the oropharynx. Journal of oncology, 2014; 2014:371570. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25349609

Roura E, Castellsague X, Pawlita M, Travier N, Waterboer T, et al. Smoking as a major risk factor for cervical cancer and pre-cancer: Results from the epic cohort. Journal international du cancer, 2014; 135(2):453-66. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24338632

Pei H, Yu Q, Xue Q, Wei F, and Tao L. Previous history and cigarette smoking as interfering factors for the effect of vaccine on human papillomavirus infection. J Infect Dis, 2014; 209(8):1304. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24368835

Mileshkin L, Paramanathan A, Kondalsamy-Chennakesavan S, Bernshaw D, Khaw P, et al. Smokers with cervix cancer have more uterine corpus invasive disease and an increased risk of recurrence after treatment with chemoradiation. Int J Gynecol Cancer, 2014; 24(7):1286-91. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24987916

Kaderli R, Schnuriger B, and Brugger LE. The impact of smoking on hpv infection and the development of anogenital warts. Int J Colorectal Dis, 2014; 29(8):899-908. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24935346

Dmoch-Gajzlerska E, Kozakiewicz B, and Chadzynska M. Women's knowledge regarding the effects of cigarette smoking and human papillomavirus infection on the development of cervical cancer. Clin Oncol (R Coll Radiol), 2014; 26(6):358. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24657076

Chakrobarty B, Roy JG, Majumdar S, and Uppala D. Relationship among tobacco habits, human papilloma virus (hpv) infection, p53 polymorphism/mutation and the risk of oral squamous cell carcinoma. J Oral Maxillofac Pathol, 2014; 18(2):211-6. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25328301

Gadducci A, Barsotti C, Cosio S, Domenici L, and Riccardo Genazzani A. Smoking habit, immune suppression, oral contraceptive use, and hormone replacement therapy use and cervical carcinogenesis: A review of the literature. Gynecological Endocrinology, 2011; [Epub ahead of print]. Available from: https://www.ncbi.nlm.nih.gov/pubmed/21438669

Kapeu A, Luostarinen T, Jellum E, Dillner J, Hakama M, et al. Is smoking an independent risk factor for invasive cervical cancer? A nested case-control study within nordic biobanks. American Journal of Epidemiology, 2009; 169(4):480–8. Available from: http://aje.oxfordjournals.org/cgi/content/full/169/4/480

Collins S, Rollason T, Young L, and Woodman C. Cigarette smoking is an independent risk factor for cervical intraepithelial neoplasia in young women: A longitudinal study. European Journal of Cancer, 2009; 46(2):405–11. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808403/

Lindau S, Drum M, Gaumer E, Surawska H, and Jordan J. Prevalence of high-risk human papillomavirus among older women. Obstetrics and Gynecology, 2008; 112(5):979–89. Available from: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2698799/pdf/nihms108535.pdf

Coker A, Desimone C, Eggleston K, Hopenhayn C, Nee J, et al. Smoking and survival among kentucky women diagnosed with invasive cervical cancer: 1995–2005 Gynecologic Oncology, 2008; 112(2):365-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19036421

3.5.5.1 Risk associated with smoking

Tsima, BM, Motlhatlhedi, K, Sharma, K, Rantshabeng, P, Ndlovu, A, Gaolathe, T, & Kyokunda, LT. (2024). The association between smoking and cervical human papillomavirus infection among women from indigenous communities in western Botswana. *PLoS One, 19*(6), e0302153. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38848414

Gopalani, SV, Saraiya, M, Huang, B, Tucker, TC, Mix, JM, & Chaturvedi, AK. (2024). Population-level incidence of HPV-positive oropharyngeal, cervical, and anal cancers by smoking status. *J Natl Cancer Inst*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38429996

3.5.5.2 How tobacco smoke causes cervical cancer

Karimi, A, Mohebbi, E, McKay-Chopin, S, Hadji, M, Rashidian, H, Marzban, M et al. (2024). Association of opium use and tobacco smoking with alpha-, beta-, and gamma-human papillomavirus oral infection. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39049799

Mark, ZA, Yu, L, Castro, L, Gao, X, Rodriguez, NR, Sutton, D et al (2024). Tobacco Smoke Condensate Induces Morphologic Changes in Human Papillomavirus-Positive Cervical Epithelial Cells Consistent with Epithelial to Mesenchymal Transition (EMT) with Activation of Receptor Tyrosine Kinases and Regulation of TGFB. *Int J Mol Sci, 25*(9). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38732119

Liang, D, Zhang, Q, Li, W, & Lin, Y. (2024). Analysis of urinary tobacco-specific nitrosamine 4-(methylnitrosamino)1-(3-pyridyl)-1- butanol (NNAL) and HPV infection in American women: National health and nutrition examination survey. *PLoS One, 19*(5), e0304499. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38820512

Shih, YW, Chang, CW, Chang, HR, Tsai, JR, Wang, WJ, Fang, HF et al. (2024). Mediating Effect of White Blood Cells and Tobacco Exposure on Cervical Neoplasm Risk Among Taiwanese Women. *Biol Res Nurs*, 10998004241229069. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38271218

Jiang, L, Ma, S, Zhang, G, Jiang, L, & Yan, L. (2023). Analysis of tobacco exposures and high-risk HPV infection in American women: National Health and Nutrition Examination Survey. *Environ Sci Pollut Res Int*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37792188

Ma, K, Li, S, Wu, S, Zhu, J, & Yang, Y. (2023). Impact of smoking exposure on human papillomavirus clearance among Chinese women: A follow-up propensity score matching study. *Tob Induc Dis, 21*, 42. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36949733

3.5.5.3 Factors affecting risk

David, SV, Villasante-Tezanos, A, Bustamante, G, Agana-Norman, DFG, Amith, M, Martinez, J et al. (2024). Association of electronic-cigarette, number of cigarettes, and marijuana use with high-risk Human Papillomavirus (HPV) among men and women: A cross-sectional analysis of a nationally representative sample. *Ann Epidemiol, 97*, 52-61. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39053785

Liang, D, Zhang, Q, Li, W, & Lin, Y. (2024). Analysis of urinary tobacco-specific nitrosamine 4-(methylnitrosamino)1-(3-pyridyl)-1- butanol (NNAL) and HPV infection in American women: National health and nutrition examination survey. *PLoS One, 19*(5), e0304499. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38820512

Zheng, L, Lin, Y, Wu, J, & Zheng, M. (2022). The associations of tobacco use, sexually transmitted infections, HPV vaccination, and screening with the global incidence of cervical cancer: An ecological time series modelling study. *Epidemiol Health*, e2023005. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36596736

Yuan, R, Ren, F, Xie, Y, Li, K, & Tong, Z. (2022). The Global, Regional, and National Burdens of Cervical Cancer Attributable to Smoking From 1990 to 2019: Population-Based Study. [MS Top Pick]. *JMIR Public Health Surveill, 8*(12), e40657. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36563035

Malevolti, MC, Lugo, A, Scala, M, Gallus, S, Gorini, G, Lachi, A, & Carreras, G. (2022). Dose-risk relationships between cigarette smoking and cervical cancer: a systematic review and meta-analysis. *Eur J Cancer Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36440802

3.5.5.4 Impact of smoking on prognosis

Coker A, Desimone C, Eggleston K, Hopenhayn C, Nee J, et al. Smoking and survival among kentucky women diagnosed with invasive cervical cancer: 1995–2005 Gynecologic Oncology, 2008; 112(2):365-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19036421

3.5.6 Acute myeloid leukaemia

Nathan, DI, & Mascarenhas, J. (2023). A smoking gun? Clonal expansion in response to cigarette exposure. *Front Oncol, 13*, 1252643. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37601662

Kaastrup, K, & Gronbaek, K. (2021). The Impact of Sedentary Lifestyle, High-fat Diet, Tobacco Smoke, and Alcohol Intake on the Hematopoietic Stem Cell Niches. *Hemasphere, 5*(8), e615. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34291194

Christensen, SF, Scherber, RM, Mazza, GL, Dueck, AC, Brochmann, N, Andersen, CL et al. (2021). Tobacco use in the Myeloproliferative neoplasms: symptom burden, patient opinions, and care. *BMC Cancer, 21*(1), 691. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34112113

Xu, K, Li, S, Whitehead, TP, Pandey, P, Kang, AY, Morimoto, LM et al (2021). Epigenetic biomarkers of prenatal tobacco smoke exposure are associated with gene deletions in childhood acute lymphoblastic leukemia. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34020997

Kawada, T. (2021). Leukocytosis and Tobacco Use: A Risk Assessment. *Am J Med, 134*(3), e228. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33637186

Kawashiri, SY, Tsuji, Y, Tamai, M, Nonaka, F, Nobusue, K, Yamanashi, H et al. (2020). Effects of cigarette smoking and human T-cell leukaemia virus type 1 infection on anti-citrullinated peptide antibody production in Japanese community-dwelling adults: the Nagasaki Islands Study. *Scand J Rheumatol*, 1-4. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32959708

Krug, U, & Berdel, WE. (2020). Smoking and AML - another piece in the puzzle. *Br J Haematol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32338766

Jayasuriya, NA, Kjaergaard, AD, Pedersen, KM, Sorensen, AL, Bak, M, Larsen, MK et al. (2019). Smoking, blood cells and myeloproliferative neoplasms: meta-analysis and Mendelian randomization of 2.3 million people. *Br J Haematol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31875952

Shi, H, Shao, X, & Hong, Y. (2019). Association between cigarette smoking and the susceptibility of acute myeloid leukemia: a systematic review and meta-analysis. *Eur Rev Med Pharmacol Sci, 23*(22), 10049-10057. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31799675

Rostami, G, Assad, D, Ghadyani, F, Hamid, M, Karami, A, Jalaeikhoo, H, & Kalahroodi, RA. (2019). Influence of glutathione S-transferases (GSTM1, GSTT1, and GSTP1) genetic polymorphisms and smoking on susceptibility risk of chronic myeloid leukemia and treatment response. *Mol Genet Genomic Med*, e717. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31111691

Ugai T, Matsuo K, Sawada N, Iwasaki M, Yamaji T, et al. Smoking and subsequent risk of leukemia in japan: The japan public health center-based prospective study. J Epidemiol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28400079

Ugai T, Matsuo K, Sawada N, Iwasaki M, Yamaji T, et al. Smoking and alcohol and subsequent risk of myelodysplastic syndromes in japan: The japan public health centre-based prospective study. Br J Haematol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28714213

Ugai T, Matsuo K, Oze I, Ito H, Wakai K, et al. Smoking and subsequent risk of acute myeloid leukaemia: A pooled analysis of 9 cohort studies in japan. Hematol Oncol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28681440

Fiebelkorn S and Meredith C. Estimation of the leukemia risk in human populations exposed to benzene from tobacco smoke using epidemiological data. Risk Anal, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29266361

Qin L, Deng HY, Chen SJ, and Wei W. Relationship between cigarette smoking and risk of chronic myeloid leukaemia: A meta-analysis of epidemiological studies. Hematology, 2016:1-8. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27806681

Colamesta V, D'Aguanno S, Breccia M, Bruffa S, Cartoni C, et al. Do the smoking intensity and duration, the years since quitting, the methodological quality and the year of publication of the studies affect the results of the meta-analysis on cigarette smoking and acute myeloid leukemia (aml) in adults? Crit Rev Oncol Hematol, 2016; 99:376-88. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26830008

Wang P, Liu H, Jiang T, and Yang J. Cigarette smoking and the risk of adult myeloid disease: A meta-analysis. PLoS ONE, 2015; 10(9):e0137300. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26340093

Fircanis S, Merriam P, Khan N, and Castillo JJ. The relation between cigarette smoking and risk of acute myeloid leukemia: An updated meta-analysis of epidemiological studies. Am J Hematol, 2014; 89(8):E125-32. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24753145

3.5.6.2 How tobacco smoke causes acute myeloid leukaemia

Zhong, C, Li, S, Arroyo, K, Morimoto, LM, de Smith, AJ, Metayer, C et al. (2023). Gene-environment analyses reveal novel genetic candidates with prenatal tobacco exposure in relation to risk for childhood acute lymphoblastic leukemia. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37773025

Ramanathan, G, Chen, JH, Mehrotra, N, Trieu, T, Huang, A, Mas, E et al. (2023). Cigarette smoke stimulates clonal expansion of Jak2(V617F) and Tet2(-/-) cells. *Front Oncol, 13*, 1210528. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37546389

Dawoud, AAZ, Tapper, WJ, & Cross, NCP. (2020). Clonal myelopoiesis in the UK Biobank cohort: ASXL1 mutations are strongly associated with smoking. *Leukemia*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32518416

3.5.6.3 Factors affecting risk

Wang, X, Campbell, MR, Cho, HY, Pittman, GS, Martos, SN, & Bell, DA. (2023). Epigenomic profiling of isolated blood cell types reveals highly specific B cell smoking signatures and links to disease risk. *Clin Epigenetics, 15*(1), 90. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37231515

3.5.6.4 Impact of smoking on prognosis

Kumar, J, Patel, S, Chang, A, Mukherjee, S, Small, C, Gollapudi, S et al. (2023). Smoking status in acute myeloid leukemia is associated with worse overall survival and independent of prior non-hematopoietic malignancies, cytogenetic abnormalities, and WHO category. *Hum Pathol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36921727

Lauseker M, Hasford J, Saussele S, Kremers S, Kraemer D, et al. Smokers with chronic myeloid leukemia are at a higher risk of disease progression and premature death. Cancer, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28192602

3.5.7 Liver cancer

Fujita, K, Hayashi, M, Nakagawa, N, Kurimoto, K, Inokawa, Y, Takami, H et al. (2024). Prognostic Impact of CDKN2A Mutations Associated With Smoking and Drinking History in Japanese Digestive Cancers. *Anticancer Res, 44*(6), 2699-2707. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38821577

Lin, Y, Kawai, S, Sasakabe, T, Kurosawa, M, Tamakoshi, A, Kikuchi, S, & Group, JS. (2022). Associations between cigarette smoking and biliary tract cancer by anatomic subsite and sex: a prospective cohort study in Japan. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36030296

Matsuura, T, Ohfuji, S, Enomoto, M, Tamori, A, Kubo, S, Kioka, K et al (2020). Risk factors for hepatocellular carcinoma in treated chronic hepatitis C patients-Relationship to smoking and alcohol. *JGH Open, 4*(5), 867-875. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33102757

Guarino, M, & Dufour, JF. (2019). Smoking favours hepatocellular carcinoma. *Ann Transl Med, 7*(Suppl 3), S99. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31576306

Li, CL, Lin, YK, Chen, HA, Huang, CY Huang, MT, & Chang, YJ. (2019). Smoking as an Independent Risk Factor for Hepatocellular Carcinoma Due to the alpha7-Nachr Modulating the JAK2/STAT3 Signaling Axis. *J Clin Med, 8*(9). Available from: https://www.ncbi.nlm.nih.gov/pubmed/31492006

Xie, C, Zhu, J, Wang, X, Chen, J, Geng, S, Wu, J et al. Tobacco smoke induced hepatic cancer stem cell-like properties through IL-33/p38 pathway. J Exp Clin Cancer Res, 2019. 38(1), 39. Available from: **:** https://www.ncbi.nlm.nih.gov/pubmed/30691509

Kroeger, N, Li, H, De Velasco, G, Donskov, F, Sim, HW, Stuhler, V et al.Active Smoking Is Associated With Worse Prognosis in Metastatic Renal Cell Carcinoma Patients Treated With Targeted Therapies. Clin Genitourin Cancer, 2018. Available from: https://www.clinical-genitourinary-cancer.com/article/S1558-7673(18)30506-8/fulltext

Petrick JL, Campbell PT, Koshiol J, Thistle JE, Andreotti G, et al. Tobacco, alcohol use and risk of hepatocellular carcinoma and intrahepatic cholangiocarcinoma: The liver cancer pooling project. Br J Cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29520041

Lai GY, Wang JB, Weinstein SJ, Parisi D, Horst RL, et al. Association of 25-hydroxyvitamin d with liver cancer incidence and chronic liver disease mortality in finnish male smokers of the atbc study. Cancer Epidemiol Biomarkers Prev, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29720370

Liu X, Baecker A, Wu M, Zhou JY, Yang J, et al. Interaction between tobacco smoking and hepatitis b virus infection on the risk of liver cancer in a chinese population. Journal international du cancer, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29193051

Haugvik SP, Basim Ibrahim I, Hedenstrom P, Valente R, Hayes AJ, et al. Smoking, alcohol and family history of cancer as risk factors for small intestinal neuroendocrine tumors: A systematic review and meta-analysis. Scand J Gastroenterol, 2017; 52(8):797-802. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28394712

Abdel-Rahman O, Helbling D, Schob O, Eltobgy M, Mohamed H, et al. Cigarette smoking as a risk factor for the development of and mortality from hepatocellular carcinoma: An updated systematic review of 81 epidemiological studies. J Evid Based Med, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28891275

Chiang CH, Lu CW, Han HC, Hung SH, Lee YH, et al. The relationship of diabetes and smoking status to hepatocellular carcinoma mortality. Medicine (Baltimore), 2016; 95(6):e2699. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26871803

Raffetti E, Portolani N, Molfino S, Baiocchi GL, Limina RM, et al. Role of aetiology, diabetes, tobacco smoking and hypertension in hepatocellular carcinoma survival. Dig Liver Dis, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26276376

Pang Q, Qu K, Zhang J, Xu X, Liu S, et al. Cigarette smoking increases the risk of mortality from liver cancer: A clinical-based cohort and meta-analysis. J Gastroenterol Hepatol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25967392

Lv Y, Liu C, Wei T, Zhang JF, Liu XM, et al. Cigarette smoking increases risk of early morbidity after hepatic resection in patients with hepatocellular carcinoma. Eur J Surg Oncol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25656703

Boccia S, Miele L, Panic N, Turati F, Arzani D, et al. The effect of cyp, gst, and sult polymorphisms and their interaction with smoking on the risk of hepatocellular carcinoma. Biomed Res Int, 2015; 2015:179867. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25654087

Braillon A. Prediction of hepatocellular carcinoma: Using a complex risk model or assisting for smoking cessation? Cancer, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25470258

Braillon A. Hepatocellular carcinoma and smoking: Oblivion or contempt? Am J Gastroenterol, 2013; 108(12):1931. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24300870

Lee YC, Cohet C, Yang YC, Stayner L, Hashibe M, et al. Meta-analysis of epidemiologic studies on cigarette smoking and liver cancer. International Journal of Epidemiology, 2009; 38(6):1497–511. Available from: https://www.ncbi.nlm.nih.gov/pubmed/19720726

3.5.7.1 Risk associated with smoking

Herrera, I, Almenara, S, Bellot, P, Miralles, C, Rodriguez, M, Gomez-Gonzalez, L et al. (2024). Tobacco is a Leading Risk Factor for Liver and Extrahepatic Cancers in Patients With Liver Cirrhosis: A Prospective Cohort Study. *J Clin Exp Hepatol, 14*(6), 101472. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39100888

Bui, TT, Park, E, Kang, HY, & Oh, JK. (2024). Combined effects of smoking and alcohol consumption on the risk of liver cancer according to metabolic syndrome: A nested case-control study in South Korea. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38533737

Vanlerberghe, BTK, van Malenstein, H, Sainz-Barriga, M, Jochmans, I, Cassiman, D, Monbaliu, D et al. (2024). Tacrolimus Drug Exposure Level and Smoking Are Modifiable Risk Factors for Early De Novo Malignancy After Liver Transplantation for Alcohol-Related Liver Disease. *Transpl Int, 37*, 12055. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38440132

Qin, SS, Pan, GQ, Meng, QB, Liu, JB, Tian, ZY, & Luan, SJ. (2023). The causal relationship between metabolic factors, drinking, smoking and intrahepatic cholangiocarcinoma: a Mendelian randomization study. *Front Oncol, 13*, 1203685. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37427123

Yoo, JJ, Park, MY, Cho, EJ, Yu, SJ, Kim, SG, Kim, YJ et al. (2023). Smoking Increases the Risk of Hepatocellular Carcinoma and Cardiovascular Disease in Patients with Metabolic-Associated Fatty Liver Disease. *J Clin Med, 12*(9). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37176776

Shohdy, KS, & Abdel-Rahman, O. (2019). Is smoking causally-associated with hepatitis B virus-related hepatocellular carcinoma? Ann Transl Med, 7(Suppl 1), S44. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31032323

Kolly P, Knopfli M, and Dufour JF. Effect of smoking on survival of patients with hepatocellular carcinoma. Liver Int, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28467657

Braillon A. Recurrence in early-stage hepatocellular carcinoma: Cpg methylation and smoking. J Clin Oncol, 2017; 35(18):2097-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28398848

3.5.7.2 How tobacco smoke causes liver cancer

Li, J, Tuo, D, Cheng, T, Deng, Z, & Gan, J. (2024). GCF2 mediates nicotine-induced cancer stemness and progression in hepatocellular carcinoma. *Ecotoxicol Environ Saf, 271*, 115952. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38218109

Jain, D, Chaudhary, P, Varshney, N, Bin Razzak, KS, Verma, D, Khan Zahra, TR et al. (2021). Tobacco Smoking and Liver Cancer Risk: Potential Avenues for Carcinogenesis. *J Oncol, 2021*, 5905357. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34925509

Wang, H, Chen, L, Zhou, T, Zhang, Z, & Zeng, C. (2021). p53 Mutation at Serine 249 and Its Gain of Function Are Highly Related to Hepatocellular Carcinoma after Smoking Exposure. *Public Health Genomics*, 1-11. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34192689

3.5.7.3 Factors affecting risk

Lee, J, Choi, JY, & Lee, SK. (2024). Heavy Smoking Increases Early Mortality Risk in Patients with Hepatocellular Carcinoma after Curative Treatment. *J Liver Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38852989

Cho, WR, Wang, CC, Tsai, MJ, Lin, CC, Yen, YH, Chen, CH et al. (2024). Smoking as a Risk Factor for Very Late Recurrence in Surgically Resected Early-Stage Primary Hepatocellular Carcinoma. *Clin Med Insights Oncol, 18*, 11795549241228232. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38450293

Shadi, Y, Heshmati, B, & Poorolajal, J. (2023). Interaction between hepatitis B, hepatitis C and smoking in the development of hepatocellular carcinoma: a systematic review and meta-analysis. *J Public Health (Oxf)*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37934962

Zhang, Y, Li, ZY, Shen, QM, Tuo, JY, Tan, JY, Tan, YT et al. (2022). A prospective cohort study of cigarette smoking, alcohol drinking and liver cancer incidence in Chinese men. *J Dig Dis*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36208410

Wen, Q, Chan, KH, Shi, K, Lv, J, Guo, Y, Pei, P et al. (2022). Tobacco smoking and solid fuels for cooking and risk of liver cancer: A prospective cohort study of 0.5 million Chinese adults. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35199334

3.5.8 Colorectal (bowel) cancer

Bener, A, Ozturk, AE, Dasdelen, MF, Barisik, CC, Dasdelen, ZB, Agan, AF et al. (2024). Colorectal cancer and associated genetic, lifestyle, cigarette, nargileh-hookah use and alcohol consumption risk factors: a comprehensive case-control study. *Oncol Rev, 18*, 1449709. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39464346

Fujita, K, Hayashi, M, Nakagawa, N, Kurimoto, K, Inokawa, Y, Takami, H et al. (2024). Prognostic Impact of CDKN2A Mutations Associated With Smoking and Drinking History in Japanese Digestive Cancers. *Anticancer Res, 44*(6), 2699-2707. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38821577

Zhou, X, Xiao, Q, Jiang, F, Sun, J, Wang, L, Yu, L et al. (2023). Dissecting the pathogenic effects of smoking and its hallmarks in blood DNA methylation on colorectal cancer risk. *Br J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37608097

Keivanlou, MH, Amini-Salehi, E, Hassanipour, S, Mahapatro, A, Raghuma, N, Joukar, F et al. (2023). Association between smoking and colorectal cancer in Eastern Mediterranean Regional Office (EMRO): A systematic review and meta-analysis. *Saudi J Gastroenterol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37417191

Marafini, I, & Monteleone, G. (2023). Smoking and colorectal cancer in inflammatory bowel disease: Quantity matters? *United European Gastroenterol J*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37391925

Anthony, E, Reece, JC, Milanzi, E, Joo, JE, Joseland, S, Clendenning, M et al. (2022). Body Mass Index, sex, non-steroidal anti-inflammatory drug medications, smoking and alcohol are differentially associated with World Health Organisation criteria and colorectal cancer risk in people with Serrated Polyposis Syndrome: an Australian case-control study. *BMC Gastroenterol, 22*(1), 489. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36435745

Scherubl, H. (2022). Tobacco Smoking and Gastrointestinal Cancer Risk. *Visc Med, 38*(3), 217-222.Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35814979

, ER, Skurla, SE, Caballero, GY J, Friedman, ER, Ponzani, C, Wallace, R et al. (2022). Long-term follow-up of smokers following lung and colorectal cancer diagnosis. *Support Care Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35552828

Bai, X, Wei, H, Liu, W, Coker, OO, Gou, H, Liu, C et al. (2022). Cigarette smoke promotes colorectal cancer through modulation of gut microbiota and related metabolites. *Gut*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35387878

Huang, YM, Wei, PL, Ho, CH, & Yeh, CC. (2022). Cigarette Smoking Associated with Colorectal Cancer Survival: A Nationwide, Population-Based Cohort Study. *J Clin Med, 11*(4). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35207186

Alwers, E, Carr, PR, Banbury, B, Walter, V, Chang-Claude, J, Jansen, L et al. (2021). Smoking Behavior and Prognosis After Colorectal Cancer Diagnosis: A Pooled Analysis of 11 Studies. *JNCI Cancer Spectr, 5*(5), pkab077. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34738070

Jung, SY, Sobel, EM, Pellegrini, M, Yu, H, & Papp, JC. (2021). Synergistic Effects of Genetic Variants of Glucose Homeostasis and Lifelong Exposures to Cigarette Smoking, Female Hormones, and Dietary Fat Intake on Primary Colorectal Cancer Development in African and Hispanic/Latino American Women. *Front Oncol, 11*, 760243. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34692549

Devall, M, Dampier, CH, Eaton, S, Ali, MW, Diez-Obrero, V, Moratalla-Navarro, F et al. (2021). Novel insights into the molecular mechanisms underlying risk of colorectal cancer from smoking and red/processed meat carcinogens by modeling exposure in normal colon organoids. *Oncotarget, 12*(19), 1863-1877. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34548904

Tiselius, C, Rosenblad, A, Strand, E, & Smedh, K. (2021). Risk factors for poor health-related quality of life in patients with colon cancer include stoma and smoking habits. *Health Qual Life Outcomes, 19*(1), 216. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34507560

Wang, X, Amitay, E, Harrison, TA, Banbury, BL, Berndt, SI, Brenner, H et al. (2021). Association Between Smoking and Molecular Subtypes of Colorectal Cancer. *JNCI Cancer Spectr, 5*(4), pkab056. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34377935

Cheng, WC, Chen, PJ, Kang, JW, Chen, WY, & Sheu, BS. (2021). Age, male sex, smoking and metabolic syndrome as risk factors of advanced colorectal neoplasia for fecal immunochemical test negative patients. *J Formos Med Assoc*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34127350

Roh, SJ, Kim, B, Oh, JY, Han, KS, Kim, BC, Hong, CW, & Sohn, DK. (2021). The risk of colorectal neoplasm in ex- and never-smokers according to urinary cotinine level. *Medicine (Baltimore), 100*(22), e25842. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34087827

Yuan, F, Deng, L, Sun, X, Chen, Z, Shivappa, N, Sheth, AK et al (2021). Dietary inflammatory index and risk of colorectal adenoma: effect measure modification by race, nonsteroidal anti-inflammatory drugs, cigarette smoking and body mass index? *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33928482

Yang, LP, Wang, ZX, Zhang, R, Zhou, N, Wang, AM, Liang, W et al. (2021). Association between cigarette smoking and colorectal cancer sidedness: A multi-center big-data platform-based analysis. *Journal of Translational Medicine, 19*(1), 150. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33858440

Chen, X, Jansen, L, Guo, F, Hoffmeister, M, Chang-Claude, J, & Brenner, H. (2021). Smoking, Genetic Predisposition, and Colorectal Cancer Risk. *Clin Transl Gastroenterol, 12*(3), e00317. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33646204

Cebohin, M, Samardzic, S, Marjanovic, K, Tot Vesic, M, Kralik, K, Bartulic, A, & Hnatesen, D. (2020). Adenoma Characteristics and the Influence of Alcohol and Cigarette Consumption on the Development of Advanced Colorectal Adenomas. *Int J Environ Res Public Health, 17*(22). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33182591

Fliss-Isakov, N, Zelber-Sagi, S, Ivancovsky-Wajcman, D, Shibolet, O, & Kariv, R. (2020). Ultra-Processed Food Intake and Smoking Interact in Relation with Colorectal Adenomas. *Nutrients, 12*(11). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33202603

Hoffmeister, M, Brenner, H, & Amitay, EL. (2020). Smoking Is Consistently Associated With Major Molecular Subtypes of Colorectal Cancer. *Am J Gastroenterol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33136571

de Vries, E, Torres, MZ, Rojas, MP, Diaz, G & Herran, O.F. (2020). Theoretical reduction of the incidence of colorectal cancer in Colombia from reduction in the population exposure to tobacco, alcohol, excess weight and sedentary lifestyle: a modelling study. *BMJ Open, 10*(10), e037388. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33115892

Makino, A, Tsuruta, M, Okabayashi, K, Ishida, T, Shigeta, K, Seishima, R et al (2020). The Impact of Smoking on Pulmonary Metastasis in Colorectal Cancer. *Onco Targets Ther, 13*, 9623-9629. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33061444

Fujiyoshi, K, Chen, Y, Haruki, K, Ugai, T, Kishikawa, J, Hamada, T et al. (2020). Smoking Status at Diagnosis and Colorectal Cancer Prognosis According to Tumor Lymphocytic Reaction. *JNCI Cancer Spectr, 4*(5), pkaa040. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32923934

Ghosh, P, Alam, N, Mandal, S, Mustafi, SM, & Murmu, N. (2020). Association of mTOR pathway with risk of gastric cancer in male smoker with potential prognostic significance. *Mol Biol Rep*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32918126

Botteri, E, Borroni, E, Sloan, EK, Bagnardi, V, Bosetti, C, Peveri, G et al. (2020). Smoking and Colorectal Cancer Risk, Overall and by Molecular Subtypes: A Meta-Analysis. *Am J Gastroenterol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32773458

Amitay, EL, Carr, PR, Jansen, L, Roth, W, Alwers, E, Herpel, E et al (2020). Smoking, alcohol consumption and colorectal cancer risk by molecular pathological subtypes and pathways. *Br J Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32225169

Lee, K, & Kim, YH. (2020). Colorectal Polyp Prevalence According to Alcohol Consumption, Smoking and Obesity. *Int J Environ Res Public Health, 17*(7). Available from: https://www.ncbi.nlm.nih.gov/pubmed/32244559

Fu, Y, Zhang, Y, Cui, J, Yang, G, Peng, S, Mi, W et al. (2020). SNP rs12982687 affects binding capacity of lncRNA UCA1 with miR-873-5p: involvement in smoking-triggered colorectal cancer progression. *Cell Commun Signal, 18*(1), 37. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32143722

Jarosz, M, & Rychlik, E. (2019). Alcohol consumption and tobacco smoking and selected Fard, Z. T. (2020). The Relationship Between eNOS Polymorphisms With Age, Smoking, Body Mass Index, and Clinicopathologic Parameters in Patients With Breast Cancer in Comparison With a Control Group. *Clin Breast Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32085136

Gram, IT, Park, SY, Wilkens, LR, Haiman, CA, & Le Marchand, L. (2020). Smoking and Risk of Colorectal Cancer may differ by Anatomical Subsite and Sex. *American Journal of Epidemiology*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31971226

Bendinelli, B, Palli, D, Assedi, M, Facchini, L, Grioni, S, Agnoli, C et al. (2019). Alcohol, smoking and rectal cancer risk in a Mediterranean cohort of adults: the European Prospective Investigation into Cancer and Nutrition (EPIC)-Italy cohort. *Eur J Gastroenterol Hepatol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31834049

Zhang, K, Li, S, Gu, D, Xu, K, Zheng, R, Xin, J et al. (2019). Genetic variants in circTUBB interacting with smoking can enhance colorectal cancer risk. *Arch Toxicol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31797002

Dino, P, D'Anna, C, Sangiorgi, C, Di Sano, C, Di Vincenzo, S, Ferraro, M, & Pace, E. (2019). Cigarette smoke extract modulates E-Cadherin, Claudin-1 and miR-21 and promotes cancer invasiveness in

human colorectal adenocarcinoma cells. *Toxicol Lett, 317*, 102-109. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31574306

Fliss-Isakov, N, Grosso, G, Salomone, F, Godos, J, Gavalno, F, Ivancovsky-Wajcman, D et al. (2019). High Intake of Phenolic Acid Is Associated With Reduced Risk of Colorectal Adenomas Among Smokers. *Clin Gastroenterol Hepatol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31473361

Lee, S, Woo, H, Lee, J, Oh, JH, Kim, J, & Shin, A. (2018). Cigarette smoking, alcohol consumption, and risk of colorectal cancer in South Korea: A case-control study. Alcohol, 2018.76, 15-21. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30529018

Anderson, JC, Calderwood, AH, Christensen, BC, Robinson, CM, Amos, CI, & Butterly, L. Smoking and Other Risk Factors in Individuals With Synchronous Conventional High-Risk Adenomas and Clinically Significant Serrated Polyps. Am J Gastroenterol, 2018. Available from: https://www.nature.com/articles/s41395-018-0393-0

Lee, JY, Chang, H S, Kim, TH, Chung, EJ, Park, HW, Lee, JS et al. Association Between Cigarette Smoking and Alcohol Consumption and Sessile Serrated Polyps in Subjects 30 to 49 Years Old. Clin Gastroenterol Hepatol, 2018. Available from: https://www.cghjournal.org/article/S1542-3565(18)31277-1/pdf

Hamada, T, Nowak, JA, Masugi, Y, Drew, DA, Song, M, Cao, Y et al. Smoking and Risk of Colorectal Cancer Sub-Classified by Tumor-Infiltrating T Cells. J Natl Cancer Inst. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30312431

Wang X, Chan AT, Slattery ML, Chang-Claude J, Potter JD, et al. Influence of smoking, body mass index and other factors on the preventive effect of nonsteroidal anti-inflammatory drugs on colorectal cancer risk. Cancer Res, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29921691

Chen DZ, Ji FY, Xu QM, Wu XX, Cai C, et al. Interaction of smoking and metabolic syndrome in increasing the recurrence risk of colorectal cancer in a chinese male cohort: A retrospective study. Sci Rep, 2018; 8(1):972. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29343809

Yahagi M, Tsuruta M, Hasegawa H, Okabayashi K, Toyoda N, et al. Smoking is a risk factor of pulmonary metastasis in colorectal cancer. Colorectal Dis, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28755421

Song N, Shin A, Jung HS, Oh JH, and Kim J. Effects of interactions between common genetic variants and smoking on colorectal cancer. BMC Cancer, 2017; 17(1):869. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29258461

Sharp L, McDevitt J, Brown C, Carsin AE, and Comber H. Association between smoking at diagnosis and cause-specific survival in patients with rectal cancer: Results from a population-based analysis of 10,794 cases. Cancer, 2017; 123(13):2543-50. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28297071

Jayasekara H, English DR, Haydon A, Hodge AM, Lynch BM, et al. Associations of alcohol intake, smoking, physical activity and obesity with survival following colorectal cancer diagnosis by stage,

anatomic site and tumor molecular subtype. Journal international du cancer, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28921583

Fliss-Isakov N, Zelber-Sagi S, Webb M, Halpern Z, and Kariv R. Smoking habits are strongly associated with colorectal polyps in a population-based case-control study. J Clin Gastroenterol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29210901

Fagunwa IO, Loughrey MB, and Coleman HG. Alcohol, smoking and the risk of premalignant and malignant colorectal neoplasms. Best Pract Res Clin Gastroenterol, 2017; 31(5):561-8. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29195676

Chen QF, Zhou XD, Fang DH, Sun YJ, Zhao Q, et al. Impact of non-alcoholic fatty liver disease and smoking on colorectal polyps. Oncotarget, 2017; 8(43):74927-35. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29088835

Shen J, Li WX, Xiao ZG, Zhang L, Li MX, et al. The co-regulatory role of 5-lipoxygenase and cyclooxygenase-2 in the carcinogenesis and their promotion by cigarette smoking in colons. Curr Med Chem, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26997150

Lee SH, Hong JY, Lee JU, and Lee DR. Association between exposure to environmental tobacco smoke at the workplace and risk for developing a colorectal adenoma: A cross-sectional study. Ann Coloproctol, 2016; 32(2):51-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27218095

Lee HM, Kim CW, Hwang KA, Choi DW, and Choi KC. Three components of cigarette smoke altered the growth and apoptosis of metastatic colon cancer cells via inducing the synthesis of reactive oxygen species and endoplasmic reticulum stress. Environ Toxicol Pharmacol, 2016; 45:80-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27262990

Kim CW, Go RE, Lee HM, Hwang KA, Lee K, et al. Cigarette smoke extracts induced the colon cancer migration via regulating epithelial mesenchymal transition and metastatic genes in human colon cancer cells. Environ Toxicol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27087172

JE IJ, Bossuyt PM, Kuipers EJ, Stegeman I, de Wijkerslooth TR, et al. Smoking status informs about the risk of advanced serrated polyps in a screening population. Endosc Int Open, 2016; 4(1):E73-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26793788

Gong J, Hutter CM, Newcomb PA, Ulrich CM, Bien SA, et al. Genome-wide interaction analyses between genetic variants and alcohol consumption and smoking for risk of colorectal cancer. PLoS Genet, 2016; 12(10):e1006296. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27723779

Zhong R, Chen X, Chen X, Zhu B, Lou J, et al. Mad1l1 arg558his and mad2l1 leu84met interaction with smoking increase the risk of colorectal cancer. Sci Rep, 2015; 5:12202. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26183163

Yang B, Jacobs EJ, Gapstur SM, Stevens V, and Campbell PT. Active smoking and mortality among colorectal cancer survivors: The cancer prevention study ii nutrition cohort. J Clin Oncol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25646196

Walter V, Jansen L, Hoffmeister M, Ulrich A, Chang-Claude J, et al. Smoking and survival of colorectal cancer patients: Population-based study from germany. Journal international du cancer, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25758762

Jung YS, Jung H, Yun KE, Ryu S, Chang Y, et al. Associations between amount of smoking and alcohol intake and risk of colorectal neoplasm. J Gastroenterol Hepatol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26479999

Chen K, Xia G, Zhang C, and Sun Y. Correlation between smoking history and molecular pathways in sporadic colorectal cancer: A meta-analysis. Int J Clin Exp Med, 2015; 8(3):3241-57. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26064214

Amri R, Bordeianou LG, Sylla P, and Berger DL. Does active smoking induce hematogenous metastatic spread in colon cancer? Am J Surg, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26251219

Walter V, Jansen L, Hoffmeister M, and Brenner H. Smoking and survival of colorectal cancer patients: Systematic review and meta-analysis. Ann Oncol, 2014; 25(8):1517-25. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24692581

Tillmans LS, Vierkant RA, Wang AH, Jewel Samadder N, Lynch CF, et al. Associations between cigarette smoking, hormone therapy, and folate intake with incident colorectal cancer by tp53 protein expression level in a population-based cohort of older women. Cancer Epidemiol Biomarkers Prev, 2014; 23(2):350-5. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24343843

Park YM, Cho CH, Kim SH, and Lee JE. Alcohol intake, smoking, and colorectal adenoma. J Cancer Prev, 2014; 19(2):137-43. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25337582

Parajuli R, Bjerkaas E, Tverdal A, Le Marchand L, Weiderpass E, et al. Smoking increases rectal cancer risk to the same extent in women as in men: Results from a norwegian cohort study. BMC Cancer, 2014; 14:321. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24884601

Hoffmeister M, Jansen L, Stock C, Chang-Claude J, and Brenner H. Smoking, lower gastrointestinal endoscopy, and risk for colorectal cancer. Cancer Epidemiol Biomarkers Prev, 2014; 23(3):525-33. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24403529

Gonzalez A, Japuntich S, Keating NL, Wallace R, He Y, et al. Pain experiences among a population-based cohort of current, former, and never regular smokers with lung and colorectal cancer. Cancer, 2014; 120(22):3554-61. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25043285

Fu Z, Shrubsole MJ, Smalley WE, Ness RM, and Zheng W. Associations between dietary fiber and colorectal polyp risk differ by polyp type and smoking status. J Nutr, 2014; 144(5):592-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24572038

Figueiredo JC, Crockett SD, Snover DC, Morris CB, McKeown-Eyssen G, et al. Smoking-associated risks of conventional adenomas and serrated polyps in the colorectum. Cancer Causes Control, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25537738

Cross AJ, Boca S, Freedman ND, Caporaso NE, Huang WY, et al. Metabolites of tobacco smoking and colorectal cancer risk. Carcinogenesis, 2014; 35(7):1516-22. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24648381

Cheng J, Chen Y, Wang X, Wang J, Yan Z, et al. Meta-analysis of prospective cohort studies of cigarette smoking and the incidence of colon and rectal cancers. Eur J Cancer Prev, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24722538

Jarosz M, Sekula W, and Rychlik E. Trends in dietary patterns, alcohol intake, tobacco smoking, and colorectal cancer in polish population in 1960-2008. Biomed Res Int, 2013; 2013:183204. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24369529

Peppone L, Reid M, Moysich K, Morrow G, Jean-Pierre P, et al. The effect of secondhand smoke exposure on the association between active cigarette smoking and colorectal cancer. Cancer Causes & Control, 2010; 21(8):1247-55. Available from: http://www.ncbi.nlm.nih.gov/pubmed/20376547

Boland C and Goel A. Clearing the air on smoking and colorectal cancer. Journal of the National Cancer Institute, 2010; 102(14):1012–22. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2907409/

Tsoi K, Pau C, Wu W, Chan F, Griffiths S, et al. Cigarette smoking and the risk of colorectal cancer: A meta-analysis of prospective cohort studies. Clinical Gastroenterology and Hepatology, 2009; 7(6):682-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19245853

Raimondi S, Botteri E, Iodice S, Lowenfels A, and Maisonneuve P. Gene-smoking interaction on colorectal adenoma and cancer risk: Review and meta-analysis. Mutation Research, 2009; 670(1-2):6-14. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19589345

Liang P, Chen T, and Giovannucci E. Cigarette smoking and colorectal cancer incidence and mortality: Systematic review and meta-analysis International Journal of Cancer, 2009; 124(10):2406–15. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19142968

Huxley R, Ansary-Moghaddam A, Clifton P, Czernichow S, Parr C, et al. The impact of dietary and lifestyle risk factors on risk of colorectal cancer: A quantitative overview of the epidemiological evidence. International Journal of Cancer, 2009; 125(1):171–80. Available from: http://www3.interscience.wiley.com/user/accessdenied?ID=121684303&Act=2138&Code=4719&Page=/cgi-bin/fulltext/121684303/HTMLSTART

Hannan L, Jacobs E, and Thun M. The association between cigarette smoking and risk of colorectal cancer in a large prospective cohort from the united states. Cancer Epidemiology, Biomarkers & Prevention, 2009; 18(12):3362–7. Available from: http://cebp.aacrjournals.org/content/18/12/3362.long

Ramamoorthy S, Luo L, Luo E, and Carethers J. Tobacco smoking and risk of recurrence for squamous cell cancer of the anus. Cancer Detection and Prevention., 2008; 32(2):116–20. Available from: http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6X28-4T0X2K0-2-5&_cdi=7264&_user=10&_orig=search&_coverDate=12%2F31%2F2008&_sk=999679997&view=c&wchp=dGLbVtz-zSkWA&md5=4d46f0ee9e9e18d2ea47a24805958273&ie=/sdarticle.pdf

Botteri E, Iodice S, Bagnardi V, Raimondi S, Lowenfels A, et al. Smoking and colorectal cancer: A meta-analysis. Journal of the American Medical Association, 2008; 300(23):2765–78. Available from: http://jama.ama-assn.org/cgi/content/full/300/23/2765

Acott A, Theus S, Marchant-Miros K, and Mancino A. Association of tobacco and alcohol use with earlier development of colorectal cancer: Should we modify screening guidelines? American Journal of Surgery, 2008; 196(6):915–9. Available from: http://www.ajsfulltextonline.com/article/S0002-9610(08)00644-2/pdf

3.5.8.1 Risk associated with smoking

Collatuzzo, G, Rashidian, H, Hadji, M, Naghibzadeh, A, Alizadeh-Navaei, R, Boffetta, P, & Zendehdel, K. (2024). Cigarettes and waterpipe use and risk of colorectal cancer in Iran: the IROPICAN study. *Eur J Cancer Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38870041

Bouvette, C, Kosirog, J, Yohannan, B, Grossen, A, Ali, IA, & Madhoun, M. (2024). High-risk smoking in the United States: Nicotine staining predicts increased colonic adenomas and advanced adenomas on colonoscopy. *Prev Med, 182*, 107950. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38583603

Wijnands, AM, Elias, SG, Dekker, E, Fidder, HH, Hoentjen, F, Ten Hove, JR et al. (2023). Smoking and colorectal neoplasia in patients with inflammatory bowel disease: Dose-effect relationship. *United European Gastroenterol J*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37505117

Li, H, Chen, X, Hoffmeister, M, & Brenner, H. (2023). Associations of smoking with early- and late-onset colorectal cancer. *JNCI Cancer Spectr, 7*(1). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36759940

Akter, S, Islam, Z, Mizoue, T, Sawada, N, Ihira, H, Tsugane, S et al. (2020). Smoking and colorectal cancer: A pooled analysis of 10 population-based cohort studies in Japan. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32761607

Limsui D, Vierkant R, Tillmans L, Wang A, Weisenberger D, et al. Cigarette smoking and colorectal cancer risk by molecularly defined subtypes. Journal of the National Cancer Institute, 2010; 102(14):1012–22. Available from: http://jnci.oxfordjournals.org.ezp.lib.unimelb.edu.au/content/102/14/1012.full.pdf

3.5.8.2 How tobacco smoke causes bowel cancer

Yoshida, N, Ishikawa, H, Eguchi, H, Okazaki, Y, Hirose, R, Inoue, K et al. (2022). Promotion Effects of Smoking in Polyp Development in Monozygotic Twins with Atypical Colorectal Polyposis. *Case* Rep Gastroenterol, 16(2), 375-381. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35949244

Wang, H, Chen, X, Gao, Q, Liu, K, Bi, G, Deng, J, & Zhang, X. (2021). Smoking induces the occurrence of colorectal cancer via changing the intestinal permeability. *J BUON, 26*(3), 1009-1015. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34268966

3.5.8.3 Factors affecting risk

Kgomo, MK, Zingoni, RL, & Becker, PJ. (2024). The association of smoking and alcohol in colorectal cancer in black patients - Case-control study. *J Public Health Afr, 15*(1), 532. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39507068

Fu, R, Chen, X, Niedermaier, T, Seum, T, Hoffmeister, M, & Brenner, H. (2024). Nine-fold variation of risk of advanced colorectal neoplasms according to smoking and polygenic risk score: Results from a cross-sectional study in a large screening colonoscopy cohort. *Cancer Commun (Lond)*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39417395

Lorona, NC, Himbert, C, Ose, J, Cohen, SA, Strehli, I, Ulrich, CM et al. (2024). Alcohol consumption and smoking history at time of diagnosis, and risk of colorectal cancer recurrence and mortality: Results from the ColoCare Study. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39373623

Kim, M, Han, KD, Ko, SH, Woo, Y, & Han, JH. (2024). Effect of smoking on the risk of gastrointestinal cancer after cholecystectomy: A national population-based cohort study. *World J Gastrointest Surg, 16*(9), 2796-2807. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39351570

Han, Y, Oh, JK, & Lim, MK. (2024). The effect of healthy eating on the development of stomach and colorectal cancer by the smoking and drinking status: Results from the Korean National Cancer Center (KNCC) community cohort study. *Cancer Med, 13*(16), e70053. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39169774

Chen, S, Xin, J, Gu, D, Li, H, Zheng, R, Li, S et al. (2024). Smoking-related Lactobacillus and immune cell infiltration in colorectal cancer: evidence from a population-based study. *Gut*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38499340

Cai, JA, Zhang, YZ, Yu, ED, Ding, WQ, Li, ZS, Zhong, L, & Cai, QC. (2023). Association of cigarette smoking with risk of colorectal cancer subtypes classified by gut microbiota. *Tob Induc Dis, 21*, 99. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37529669

Nakano, S, Yamaji, T, Shiraishi, K, Hidaka, A, Shimazu, T, Kuchiba, A et al. (2023). Smoking and risk of colorectal cancer according to KRAS and BRAF mutation status in a Japanese prospective study. *Carcinogenesis*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37352389

Zheng, J, Dong, X, Newton, CC, & Hsu, L. (2023). A Generalized Integration Approach to Association Analysis with Multi-category Outcome: An Application to a Tumor Sequencing Study of Colorectal Cancer and Smoking. *J Am Stat Assoc, 118*(541), 29-42. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37193510

Florensa, D, Mateo, J, Solsona, F, Galvan, L, Mesas, M, Pinol, R et al. (2023). Acetylsalicylic Acid Effect in Colorectal Cancer Taking into Account the Role of Tobacco, Alcohol and Excess Weight. *Int J Environ Res Public Health, 20*(5). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36901115

Carreras-Torres, R, Kim, AE, Lin, Y, Diez-Obrero, V, Bien, SA, Qu, C et al. (2022). Genome-wide interaction study with smoking for colorectal cancer risk identifies novel genetic loci related to tumor suppression, inflammation and immune response. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36576985

Hori, M, Sawada, N, Kito, K, Yamaji, T, Iwasaki, M, Inoue, M, & Tsugane, S. (2022). Vegetable and fruit intake and colorectal cancer risk by smoking status in adults: The Japan Public Health Center-

based Prospective Study. *Eur J Clin Nutr*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36171389

Ugai, T, Vayrynen, JP, Haruki, K, Akimoto, N, Lau, MC, Zhong, R et al. (2021). Smoking and Incidence of Colorectal Cancer Subclassified by Tumor-Associated Macrophage Infiltrates. *J Natl Cancer Inst*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34264325

3.5.8.4 Impact of smoking on prognosis

Jiang, M, Zhang, X, Huang, H, Sun, G, Huang, Y, & Chen, Y. (2024). A novel four-gene biomarker for tobacco smoking -induced colorectal cancer progression. *Nicotine Tob Res*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38602278

Minami, Y, Kanemura, S, Kusaka, J, Kinouchi, M, Suzuki, S, Nishino, Y, & Miura, K. (2022). Associations of cigarette smoking, alcohol drinking and body mass index with survival after colorectal cancer diagnosis by anatomic subsite: a prospective patient cohort study in Japan. *Jpn J Clin Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36007230

Huang, CS, Chen, CY, Huang, LK, Wang, WS & Yang, SH. (2020). Prognostic value of postoperative serum carcinoembryonic antigen levels in colorectal cancer patients who smoke. *PLoS One, 15*(6), e0233687. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32502149

Yin, H, Hardikar, S, Lindstrom, S, Hsu, L, Anderson, KE, Banbury, BL et al (2020). Telomere maintenance variants and survival after colorectal cancer: Smoking- and sex-specific associations. *Cancer Epidemiol Biomarkers Prev*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32586834

Jung, YS, Kim, NH, Lee, MY, Park, JH, Park, DI, & Sohn, CI. Effect of Cotinine-verified Change in Smoking Status on Risk of Metachronous Colorectal Neoplasia After Polypectomy. Clin Gastroenterol Hepatol, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30772586

Sharp L, McDevitt J, Brown C, and Comber H. Smoking at diagnosis significantly decreases 5-year cancer-specific survival in a population-based cohort of 18 166 colon cancer patients. Aliment Pharmacol Ther, 2017; 45(6):788-800. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28176335

Ho N and Lieberman D. Editorial: Smoking status and 5-year survival in patients with colorectal cancer. Aliment Pharmacol Ther, 2017; 45(8):1162-3. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28326580

3.5.9 Breast cancer

Thomsen, MS, Alsner, J, Lutz, CM, Berg, M, Jensen, I, Lorenzen, EL et al. (2024). Breast induration and irradiated volume in the DBCG HYPO trial: The impact of age, smoking, and boost. *Radiother Oncol, 201*, 110574. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39395667

Lorona, NC, Othus, M, Malone, KE, Linden, HM, Tang, MC, & Li, CI. (2023). Alcohol, smoking, and risks of breast cancer recurrence and mortality among women with luminal, triple-negative, and HER2-overexpressing breast cancer. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38019269

Twyner, C, Ward, LM, Pennington, E, & Eriator, I. (2023). Association Between Smoking Status and Opioid Dose in Prescriptions Written for Breast Cancer-related Pain. *Pain Physician, 26*(5), E567-E573. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37774194

Islam, MA, Sathi, NJ, Abdullah, HM, & Tabassum, T. (2022). A Meta-Analysis of Induced Abortion, Alcohol Consumption, and Smoking Triggering Breast Cancer Risk among Women from Developed and Least Developed Countries. *Int J Clin Pract, 2022*, 6700688. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36474551

Bhatti, DS, Bokhari, MHT, & Khan, MAA. (2022). Smoking and Fibrocystic Changes in the Breast: A Case Report of a Lifelong Smoker and Changes in Breast Parenchyma. *Cureus, 14*(6), e26384. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35911296

Allahqoli, L, Mazidimoradi, A, Momenimovahed, Z, Rahmani, A, Hakimi, S, Tiznobaik, A et al (2022). The Global Incidence, Mortality, and Burden of Breast Cancer in 2019: Correlation With Smoking, Drinking, and Drug Use. *Front Oncol, 12*, 921015. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35965518

Ihenacho, U, Hamilton, AS, Mack, WJ, Wu, AH, Unger, JB, Pathak, DR et al. (2022). Lifetime personal cigarette smoking and risk of young-onset breast cancer by subtype among non-Hispanic Black and White women in the Young Women's Health History Study. *Breast Cancer Res Treat*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35925453

Takada, K, Kashiwagi, S, Kouhashi, R, Iimori, N, Yabumoto, A, Goto, W et al. (2022). The Effect of Smoking on Endocrine Therapy for Stage IV Hormone Receptor Positive Breast Cancer. *Anticancer Res, 42*(8), 3937-3946. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35896258

Khodabandeh, Z, Valilo, M, Velaei, K, & Pirpour Tazehkand, A. (2022). The potential role of nicotine in breast cancer initiation, development, angiogenesis, invasion, metastasis, and resistance to therapy. *Breast Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35583594

Darmon, S, Park, A, Lovejoy, LA, Shriver, CD, Zhu, K, & Ellsworth, RE. (2022). Relationship between Cigarette Smoking and Cancer Characteristics and Survival among Breast Cancer Patients. *Int J Environ Res Public Health, 19*(7). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35409765

Jordahl, KM, Malone, KE, Baglia, ML, Flanagan, MR, Tang, MC, Porter, PL, & Li, CI. (2022). Alcohol consumption, smoking, and invasive breast cancer risk after ductal carcinoma in situ. *Breast Cancer Res Treat*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35347551

Li, H, Hou, L, Yu, Y, Sun, X, Liu, X, Yu, Y et al. (2021). Lipids, Anthropometric Measures, Smoking and Physical Activity Mediate the Causal Pathway From Education to Breast Cancer in Women: A Mendelian Randomization Study. *J Breast Cancer, 24*(6), 504-519. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34979597

Takada, K, Kashiwagi, S, Asano, Y, Goto, W, Morisaki, T, Shibutani, M et al. (2022). The Effect of Smoking on Progression from Ductal Carcinoma In Situ to Invasive Ductal Breast Carcinoma: A Retrospective Study. *Anticancer Res, 42*(1), 311-320. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34969739

Tang, H, Yang, D, Han, C, & Mu, P. (2021). Smoking, DNA Methylation, and Breast Cancer: A Mendelian Randomization Study. *Front Oncol, 11*, 745918. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34650928

Peplonska, B, & Kaluzny, P. (2021). Cigarette smoking and mammographic breast density among Polish women. *Int J Occup Med Environ Health*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34524273

Park, HA, Neumeyer, S, Michailidou, K, Bolla, MK, Wang, Q, Dennis, J et al. (2021). Mendelian randomisation study of smoking exposure in relation to breast cancer risk. *Br J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34341517

Patil, S, & Baeshen, HA. (2021). Aqueous extract of tobacco induces mitochondrial potential dependent cell death and epithelial-mesenchymal transition in gingival epithelial cells. *Saudi J Biol Sci, 28*(8), 4613-4618. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34354447

Zhang, JQ, Cheng, TM, Lin, WC, Chiu, KC, & Wu, SY. (2021). Impact of Smoking-Related Chronic Obstruction Pulmonary Disease on Mortality of Invasive Ductal Carcinoma Patients Receiving Standard Treatments: Propensity Score-Matched, Nationwide, Population-Based Cohort Study. *Cancers (Basel), 13*(15). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34359556

Baron, JA, Nichols, HB, Anderson, C, & Safe, S. (2021). Cigarette Smoking and Estrogen-Related Cancer. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33990391

Reiner, AS, Watt, GP John, EM, Lynch, CF, Brooks, JD, Mellemkjaer, L et al (2021). Smoking, Radiation Therapy, and Contralateral Breast Cancer Risk in Young Women. *J Natl Cancer Inst*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33779721

Yu, LX, Liu, LY, Xiang, YJ, Wang, F, Zhou, F, Huang, SY et al (2021). XRCC5/6 polymorphisms and their interactions with smoking, alcohol consumption, and sleep satisfaction in breast cancer risk: A Chinese multi-center study. *Cancer Med*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33734613

Bloom, JA, Asban, A, Tian, T, Sekigami, Y, Losken, A, & Chatterjee, A. (2020). A Cost-Utility Analysis Comparing Immediate Oncoplastic Surgery with Delayed Oncoplastic Surgery in Smoking Breast Cancer Patients. *Ann Surg Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33051741

Simon, V, Laot, L, Laas, E, Rozette, S, Guerin, J, Balezeau, T et al(2020). No Impact of Smoking Status on Breast Cancer Tumor Infiltrating Lymphocytes, Response to Neoadjuvant Chemotherapy and Prognosis. *Cancers (Basel), 12*(10). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33053866

Xu, Z, Xu, H, & Lu, Y. (2020). Genetic Liability to Smoking and Breast Cancer Risk. *Clin Epidemiol, 12*, 1145-1148. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33116908

Carreras, G, Lachi, A, Boffi, R, Clancy, L, Gallus, S, Fernandez, E et al (2020). Burden of disease from breast cancer attributable to smoking and second-hand smoke exposure in Europe. *Int J Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32356370

Takada, K, Kashiwagi, S, Asano, Y, Goto, W, Kouhashi, R, Yabumoto, A et al (2020). The effect of smoking on biological change of recurrent breast cancer. *J Transl Med, 18*(1), 153. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32248830

Fard, ZT. (2020). The Relationship Between eNOS Polymorphisms With Age, Smoking, Body Mass Index, and Clinicopathologic Parameters in Patients With Breast Cancer in Comparison With a Control Group. *Clin Breast Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32008955

McBride, RB, Fei, K, Rothstein, JH, Alexeeff, SE, Song, X, Sakoda, LC et al. (2020). Alcohol and tobacco use in relation to mammographic density in 23,456 women. *Cancer Epidemiology, Biomarkers and Prevention*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32066618

Li, H, Terry, MB, Antoniou, AC, Phillips, KA, Kast, K, Mooij, TM et al. (2019). Alcohol consumption, cigarette smoking, and risk of breast cancer for BRCA1 and BRCA2 mutation carriers: results from The BRCA1 and BRCA2 Cohort Consortium. *Cancer Epidemiol Biomarkers Prev*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31792088

Schmidt, G, Schneider, C, Gerlinger, C, Endrikat, J, Gabriel, L, Stroder, R et al. (2019). Impact of body mass index, smoking habit, alcohol consumption, physical activity and parity on disease course of women with triple-negative breast cancer. *Arch Gynecol Obstet*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31853714

Zeinomar, N, Knight, JA, Genkinger, JM, Phillips, KA, Daly, MB, Milne, RL et al. (2019). Alcohol consumption, cigarette smoking, and familial breast cancer risk: findings from the Prospective Family Study Cohort (ProF-SC). *Breast Cancer Res, 21*(1), 128. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31779655

Gram, IT, Park, SY, Maskarinec, G, Wilkens, LR, Haiman, CA, & Le Marchand, L. Smoking and breast cancer risk by race/ethnicity and oestrogen and progesterone receptor status: the Multiethnic Cohort (MEC) study. Int J Epidemiol, 2019. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30668861

Takada, K, Kashiwagi, S, Asano, Y, Goto, W, Takahashi, K, Fujita, H et al. Clinical verification of the relationship between smoking and the immune microenvironment of breast cancer. J Transl Med, 2019. 17(1), 13. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30616624

Bea, VJ, Cunningham, JE, Alberg, AJ, Burshell, D, Bauza, CE, Knight, KD et al. Alcohol and Tobacco Use in an Ethnically Diverse Sample of Breast Cancer Patients, Including Sea Island African Americans: Implications for Survivorship. Front Oncol, 2018. 8, 392. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6170649/pdf/fonc-08-00392.pdf

Berrandou, T, Mulot, C, Cordina-Duverger, E, Arveux, P, Laurent-Puig, P, Truong, T, & Guenel, P. Association of breast cancer risk with polymorphisms in genes involved in the metabolism of

xenobiotics and interaction with tobacco smoking: a gene-set analysis. Int J Cancer, 2018. Available from: https://onlinelibrary.wiley.com/doi/abs/10.1002/ijc.31917

DiMarzio, P, Peila, R, Dowling, O, Timony, DM Balgobind, A, Lee, LN et al. Smoking and alcohol drinking effect on radiotherapy associated risk of second primary cancer and mortality among breast cancer patients. Cancer Epidemiol, 2018. 57, 97-103. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30359894

Smith, A, Mullooly, M, Murphy, L, Barron, TI, Bennett, K. Associations between obesity, smoking and lymph node status at breast cancer diagnosis in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial. PLoS One. 2018 Aug 29;13(8):e0202291. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30157224

Zanna I, Silvestri V, Palli D, Magrini A, Rizzolo P, et al. Smoking and fgfr2 rs2981582 variant independently modulate male breast cancer survival: A population-based study in tuscany, italy. Breast, 2018; 40:85-91. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29709729

Naif HM, Al-Obaide MAI, Hassani HH, Hamdan AS, and Kalaf ZS. Association of cytochrome cyp1a1 gene polymorphisms and tobacco smoking with the risk of breast cancer in women from iraq. Front Public Health, 2018; 6:96. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29707532

Ko KP, Kim SJ, Huzarski T, Gronwald J, Lubinski J, et al. The association between smoking and cancer incidence in brca1 and brca2 mutation carriers. Journal international du cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29330845

Ellberg C, Olsson H, and Jernstrom H. Current smoking is associated with a larger waist circumference and a more androgenic profile in young healthy women from high-risk breast cancer families. Cancer Causes Control, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29299723

Baglia ML, Cook LS, Tang MT, Wiggins C, Hill D, et al. Alcohol, smoking, and risk of her2-overexpressing and triple-negative breast cancer relative to estrogen receptor-positive breast cancer. Journal international du cancer, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29708591

Abdel-Rahman O and Cheung WY. Impact of smoking history on the outcomes of women with early-stage breast cancer: A secondary analysis of a randomized study. Med Oncol, 2018; 35(5):68. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29644504

White AJ, D'Aloisio AA, Nichols HB, DeRoo LA, and Sandler DP. Breast cancer and exposure to tobacco smoke during potential windows of susceptibility. Cancer Causes Control, 2017; 28(7):667-75. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28523418

van den Brandt PA. A possible dual effect of cigarette smoking on the risk of postmenopausal breast cancer. Eur J Epidemiol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28710542

Sollie M and Bille C. Smoking and mortality in women diagnosed with breast cancer-a systematic review with meta-analysis based on 400,944 breast cancer cases. Gland Surg, 2017; 6(4):385-93. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28861380

Sandsveden M and Manjer J. Selenium and breast cancer risk: A prospective nested case-control study on serum selenium levels, smoking habits and overweight. Journal international du cancer, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28681438

Parada H, Jr., Sun X, Tse CK, Olshan AF, Troester MA, et al. Active smoking and survival following breast cancer among african american and non-african american women in the carolina breast cancer study. Cancer Causes Control, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28695396

Lagiou A and Lagiou P. Tobacco smoking and breast cancer: A life course approach. Eur J Epidemiol, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28861761

Knight JA, Fan J, Malone KE, John EM, Lynch CF, et al. Alcohol consumption and cigarette smoking in combination: A predictor of contralateral breast cancer risk in the wecare study. Journal international du cancer, 2017; 141(5):916-24. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28524234

Kispert S, Schwartz T, and McHowat J. Cigarette smoke regulates calcium-independent phospholipase a2 metabolic pathways in breast cancer. Am J Pathol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28618256

Kispert S and McHowat J. Recent insights into cigarette smoking as a lifestyle risk factor for breast cancer. Breast Cancer (Dove Med Press), 2017; 9:127-32. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28331363

Kispert S, Crawford S, Kolar G, and McHowat J. In vivo effects of long-term cigarette smoke exposure on mammary tissue in mice. Am J Pathol, 2017; 187(6):1238-44. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28388394

Jones ME, Schoemaker MJ, Wright LB, Ashworth A, and Swerdlow AJ. Smoking and risk of breast cancer in the generations study cohort. Breast Cancer Res, 2017; 19(1):118. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29162146

Grill S, Yahiaoui-Doktor M, Dukatz R, Lammert J, Ullrich M, et al. Smoking and physical inactivity increase cancer prevalence in brca-1 and brca-2 mutation carriers: Results from a retrospective observational analysis. Arch Gynecol Obstet, 2017; 296(6):1135-44. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28975393

Goldvaser H, Gal O, Rizel S, Hendler D, Neiman V, et al. The association between smoking and breast cancer characteristics and outcome. BMC Cancer, 2017; 17(1):624. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28874120

Furrer D, Jacob S, Michaud A, Provencher L, Lemieux J, et al. Association of tobacco use, alcohol consumption and her2 polymorphisms with response to trastuzumab in her2-positive breast cancer patients. Clin Breast Cancer, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29275864

Ellingjord-Dale M, Vos L, Hjerkind KV, Hjartaker A, Russnes HG, et al. Alcohol, physical activity, smoking and breast cancer subtypes in a large nested case-control study from the norwegian breast cancer screening program. Cancer Epidemiol Biomarkers Prev, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/28877889

Duan W, Li S, Meng X, Sun Y, and Jia C. Smoking and survival of breast cancer patients: A meta-analysis of cohort studies. Breast, 2017; 33:117-24. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28371644

Dianatinasab M, Fararouei M, Mohammadianpanah M, Zare-Bandamiri M, and Rezaianzadeh A. Hair coloring, stress, and smoking increase the risk of breast cancer: A case-control study. Clin Breast Cancer, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28549689

Conway K, Edmiston SN, Parrish E, Bryant C, Tse CK, et al. Breast tumor DNA methylation patterns associated with smoking in the carolina breast cancer study. Breast Cancer Res Treat, 2017; 163(2):349-61. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28275920

Wang K, Li F, Zhang X, Li Z, and Li H. Smoking increases risks of all-cause and breast cancer specific mortality in breast cancer individuals: A dose-response meta-analysis of prospective cohort studies involving 39725 breast cancer cases. Oncotarget, 2016. Available from: https://www.ncbi.nlm.nih.gov/pubmed/27863414

Verde Z, Santiago C, Chicharro LM, Reinoso-Barbero L, Tejerina A, et al. Effect of genetic polymorphisms and long-term tobacco exposure on the risk of breast cancer. Int J Mol Sci, 2016; 17(10). Available from: http://www.ncbi.nlm.nih.gov/pubmed/27754415

Tu SH, Lin YC, Huang CC, Yang PS, Chang HW, et al. Protein phosphatase mg2+/mn2+ dependent 1f promotes smoking-induced breast cancer by inactivating phosphorylated-p53-induced signals. Oncotarget, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27769050

Persson M, Simonsson M, Markkula A, Rose C, Ingvar C, et al. Impacts of smoking on endocrine treatment response in a prospective breast cancer cohort. British Journal of Cancer, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27280635

Passarelli MN, Newcomb PA, Hampton JM, Trentham-Dietz A, Titus LJ, et al. Cigarette smoking before and after breast cancer diagnosis: Mortality from breast cancer and smoking-related diseases. J Clin Oncol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26811527

Park SY, Palmer JR, Rosenberg L, Haiman CA, Bandera EV, et al. A case-control analysis of smoking and breast cancer in african american women: Findings from the amber consortium. Carcinogenesis, 2016; 37(6):607-15. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27207658

No author listed. Breast cancer awareness month: 5 facts about tobacco, in *Truth Initiative (American Legacy Foundation)*2016. Available from: http://truthinitiative.org/news/breast-cancer-awareness-month-5-facts-about-tobacco.

Niwa T, Shinagawa Y, Asari Y, Suzuki K, Takanobu J, et al. Estrogen receptor activation by tobacco smoke condensate in hormonal therapy-resistant breast cancer cells. J Steroid Biochem Mol Biol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27632897

Hara A, Taira N, Mizoo T, Nishiyama K, Nogami T, et al. N-acetyltransferase 2 polymorphism and breast cancer risk with smoking: A case control study in japanese women. Breast Cancer, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27068825

Gram IT, Little MA, Lund E, and Braaten T. The fraction of breast cancer attributable to smoking: The norwegian women and cancer study 1991-2012. Br J Cancer, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27280631

Fillon M. Continuing to smoke after breast cancer diagnosis lowers survival rate. J Natl Cancer Inst, 2016; 108(6):djw160. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27257027

Butler EN, Tse CK, Bell ME, Conway K, Olshan AF, et al. Active smoking and risk of luminal and basal-like breast cancer subtypes in the carolina breast cancer study. Cancer Causes Control, 2016; 27(6):775-86. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27153846

Wada K, Kawachi T, Hori A, Takeyama N, Tanabashi S, et al. Husband's smoking status and breast cancer risk in japan: From the takayama study. Cancer Sci, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25645582

Padron-Monedero A, Koru-Sengul T, Tannenbaum SL, Miao F, Hansra D, et al. Smoking and survival in male breast cancer patients. Breast Cancer Res Treat, 2015; 153(3):679-87. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26409835

Macacu A, Autier P, Boniol M, and Boyle P. Active and passive smoking and risk of breast cancer: A meta-analysis. Breast Cancer Res Treat, 2015; 154(2):213-24. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26546245

Klassen AC, Pankiewicz A, Hsieh S, Ward A, and Curriero FC. The association of area-level social class and tobacco use with adverse breast cancer characteristics among white and black women: Evidence from maryland, 1992-2003. Int J Health Geogr, 2015; 14(1):13. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25880216

Kasajova P, Holubekova V, Mendelova A, Lasabova Z, Zubor P, et al. Active cigarette smoking and the risk of breast cancer at the level of n-acetyltransferase 2 (nat2) gene polymorphisms. Tumour Biol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26700672

Kakugawa Y, Kawai M, Nishino Y, Fukamachi K, Ishida T, et al. Smoking and survival after breast cancer diagnosis in japanese women: A prospective cohort study. Cancer Sci, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26052951

Jacobsen KK, Lynge E, Vejborg I, Tjonneland A, von Euler-Chelpin M, et al. Cigarette smoking and mammographic density in the danish diet, cancer and health cohort. Cancer Causes Control, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26645565

Gram IT, Park SY, Kolonel LN, Maskarinec G, Wilkens LR, et al. Smoking and risk of breast cancer in a racially/ethnically diverse population of mainly women who do not drink alcohol: The mec study. Am J Epidemiol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26493265

Bjerkaas E, Parajuli R, Engeland A, Maskarinec G, Weiderpass E, et al. Social inequalities and smoking-associated breast cancer - results from a prospective cohort study. Prev Med, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25620729

Andres SA, Bickett KE, Alatoum MA, Kalbfleisch TS, Brock GN, et al. Interaction between smoking history and gene expression levels impacts survival of breast cancer patients. Breast Cancer Res Treat, 2015; 152(3):545-56. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26202054

Wise J. Smoking is linked to most common type of breast cancer, finds us study. British Medical Journal, 2014; 348:g1414. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24516066

Slattery ML, Lundgreen A, Hines LM, Torres-Mejia G, Wolff RK, et al. Genetic variation in the jak/stat/socs signaling pathway influences breast cancer-specific mortality through interaction with cigarette smoking and use of aspirin/nsaids: The breast cancer health disparities study. Breast Cancer Res Treat, 2014; 147(1):145-58. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25104439

Pierce JP, Patterson RE, Senger CM, Flatt SW, Caan BJ, et al. Lifetime cigarette smoking and breast cancer prognosis in the after breast cancer pooling project. J Natl Cancer Inst, 2014; 106(1):djt359. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24317179

Nyante SJ, Gierach GL, Dallal CM, Freedman ND, Park Y, et al. Cigarette smoking and postmenopausal breast cancer risk in a prospective cohort. Br J Cancer, 2014; 110(9):2339-47. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24642621

Land SR, Liu Q, Wickerham DL, Costantino JP, and Ganz PA. Cigarette smoking, physical activity, and alcohol consumption as predictors of cancer incidence among women at high risk of breast cancer in the nsabp p-1 trial. Cancer Epidemiol Biomarkers Prev, 2014; 23(5):823-32. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24569437

Kawai M, Malone KE, Tang MT, and Li CI. Active smoking and the risk of estrogen receptor-positive and triple-negative breast cancer among women ages 20 to 44 years. Cancer, 2014; 120(7):1026-34. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24515648

Glantz SA and Johnson KC. The surgeon general report on smoking and health 50 years later: Breast cancer and the cost of increasing caution. Cancer Epidemiol Biomarkers Prev, 2014; 23(1):37-46. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24420985

Dossus L, Boutron-Ruault MC, Kaaks R, Gram IT, Vilier A, et al. Active and passive cigarette smoking and breast cancer risk: Results from the epic cohort. Journal international du cancer, 2014; 134(8):1871-88. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24590452

Cotterchio M, Mirea L, Ozcelik H, and Kreiger N. Active cigarette smoking, variants in carcinogen metabolism genes and breast cancer risk among pre- and postmenopausal women in ontario, canada. Breast J, 2014; 20(5):468-80. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25052559

Cook MB, Guenel P, Gapstur SM, van den Brandt PA, Michels KB, et al. Tobacco and alcohol in relation to male breast cancer: An analysis of the male breast cancer pooling project consortium. Cancer Epidemiol Biomarkers Prev, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25515550

Catsburg C, Miller AB, and Rohan TE. Active cigarette smoking and risk of breast cancer. Journal international du cancer, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25307527

Catsburg C, Kirsh VA, Soskolne CL, Kreiger N, and Rohan TE. Active cigarette smoking and the risk of breast cancer: A cohort study. Cancer Epidemiol, 2014; 38(4):376-81. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24929357

Bjerkaas E, Parajuli R, Engeland A, Maskarinec G, Weiderpass E, et al. The association between lifetime smoking exposure and breast cancer mortality - results from a norwegian cohort. Cancer Med, 2014; 3(5):1448-57. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25073713

Bishop JD, Killelea BK, Chagpar AB, Horowitz NR, and Lannin DR. Smoking and breast cancer recurrence after breast conservation therapy. Int J Breast Cancer, 2014; 2014:327081. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24693439

Berube S, Lemieux J, Moore L, Maunsell E, and Brisson J. Smoking at time of diagnosis and breast cancer-specific survival: New findings and systematic review with meta-analysis. Breast Cancer Res, 2014; 16(2):R42. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24745601

Ahles TA, Li Y, McDonald BC, Schwartz GN, Kaufman PA, et al. Longitudinal assessment of cognitive changes associated with adjuvant treatment for breast cancer: The impact of apoe and smoking. Psychooncology, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24789331

Luo J, Margolis K, Wactawski-Wende J, Horn K, Messina C, et al. Association of active and passive smoking with risk of breast cancer among postmenopausal women: A prospective cohort study. British Medical Journal, 2011; 342:d1016. Available from: http://www.bmj.com/content/342/bmj.d1016

Johnson K, Miller A, Collishaw N, Palmer J, Hammond S, et al. Active smoking and secondhand smoke increase breast cancer risk: The report of the canadian expert panel on tobacco smoke and breast cancer risk (2009). Tobacco Control, 2011; Jan 20(1):e2. Available from: http://tobaccocontrol.bmj.com/content/early/2010/10/27/tc.2010.035931.full

3.5.9.1 Risk associated with smoking

Graber-Naidich, A, Choi, E, Wu, JT, Ellis-Caleo, TJ, Neal, J, Wakelee, HA et al. (2024). Smoking and the Risk of Second Primary Lung Cancer Among Breast Cancer Survivors from the Population-Based UK Biobank Study. *Clin Lung Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39332922

Wada, K, Nagata, C, Utada, M, Sakata, R, Kimura, T, Tamakoshi, A et al. (2024). Active and passive smoking and breast cancer in Japan: a pooled analysis of nine population-based cohort studies. *Int J Epidemiol, 53*(3). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38604675

Bendinelli, B, Caini, S, Assedi, M, Ermini, I, Pastore, E, Facchini, L et al. (2024). Cigarette smoking and mammographic breast density in post-menopausal women from the EPIC Florence cohort. *Front Oncol, 14*, 1335645. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38515572

Guo, Q, Lu, Y, Liu, W, Lan, G, & Lan, T. (2024). The global, regional, and national disease burden of breast cancer attributable to tobacco from 1990 to 2019: a global burden of disease study. *BMC Public Health, 24*(1), 107. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38184557

Penalver-Argueso, B, Garcia-Esquinas, E, Castello, A, de Larrea-Baz, NF, Castano-Vinyals, G, Amiano, P et al. (2023). Smoking history and breast cancer risk by pathological subtype: MCC-Spain study. *Tob Induc Dis, 21*, 157. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38034128

Scala, M, Bosetti, C, Bagnardi, V, Possenti, I, Specchia, C, Gallus, S, & Lugo, A. (2023). Dose-Response Relationships between Cigarette Smoking and Breast Cancer Risk: A Systematic Review and Meta-Analysis. *J Epidemiol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36967121

He, Y, Si, Y, Li, X, Hong, J, Yu, C, & He, N. (2022). The relationship between tobacco and breast cancer incidence: A systematic review and meta-analysis of observational studies. *Front Oncol, 12*, 961970. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36185316

Lai, YC, Chen, YH, Wu, YC, Liang, FW, Wang, JJ, Lim, SW, & Ho, CH. (2022). The Association between Smoking and Mortality in Women with Breast Cancer: A Real-World Database Analysis. *Cancers (Basel), 14*(19). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36230488

Alkhaifi, M, Clayton, A, Kishibe, T, & Simpson, JS. (2022). The Association Between Smoking Status and Breast Cancer Recurrence: A Systematic Review. *J Breast Cancer*. Retrieved f rom https://www.ncbi.nlm.nih.gov/pubmed/35657004

Pakzad, R, Nedjat, S, Yaseri, M, Salehiniya, H, Mansournia, N, Nazemipour, M, & Mansournia, MA. (2020). Effect of Smoking on Breast Cancer by Adjusting for Smoking Misclassification Bias and Confounders Using a Probabilistic Bias Analysis Method. *Clin Epidemiol, 12*, 557-568. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32547245

van Erkelens A, Derks L, Sie AS, Egbers L, Woldringh G, et al. Lifestyle risk factors for breast cancer in brca1/2-mutation carriers around childbearing age. J Genet Couns, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27966054

Moreno Rosales A, Corres Molina M, Gongora Moo J, Romero Morelos P, and Bandala C. Breast cancer metastasis associations with clinicopathological characteristics in mexican women younger than 40 years of age. Asian Pac J Cancer Prev, 2016; 17(11):5019-23. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28032733

Li P, Huang J, Wu H, Fu C, Li Y, et al. Impact of lifestyle and psychological stress on the development of early onset breast cancer. Medicine (Baltimore), 2016; 95(50):e5529. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27977584

Gaudet M, Carter B, Brinton L, Falk R, Gram I, et al. Pooled analysis of active cigarette smoking and invasive breast cancer risk in 14 cohort studies. Int J Epidemiol, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28031315

3.5.9.2 How tobacco smoke causes breast cancer

Benoit, L, Tomkiewicz, C, Delit, M, Khider, H, Audouze, K, Kowandy, F et al. (2023). Cigarette smoke and tumor micro-environment co-promote aggressiveness of human breast cancer cells. *Toxicol Sci*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36847453

Kispert S, Marentette J, and McHowat J. Cigarette smoke induces cell motility via platelet-activating factor accumulation in breast cancer cells: A potential mechanism for metastatic disease. Physiol Rep, 2015; 3(3). Available from: http://www.ncbi.nlm.nih.gov/pubmed/25802360

3.5.9.3 Factors affecting risk

Jung, SY, Papp, JC, Sobel, EM, Pellegrini, M, & Yu, H. (2023). Genetic variants of glucose metabolism and exposure to smoking in African American breast cancer. *Endocr Relat Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36705562

3.5.9.4 Impact of smoking on prognosis

Del Riccio, M, Vettori, V, Raimondi, S, Lorini, C, Masala, G, Cattaruzza, MS et al. (2023). The clinical impact of continued smoking in patients with breast and other hormone-dependent cancer: A systematic literature review. *Crit Rev Oncol Hematol, 184*, 103951. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36805551

Zeinomar, N, Qin, B, Amin, S, Lin, Y, Xu, B, Chanumolu, D et al. (2023). Association of Cigarette Smoking and Alcohol Consumption With Subsequent Mortality Among Black Breast Cancer Survivors in New Jersey. *JAMA Netw Open, 6*(1), e2252371. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36692882

Ahles, TA, Orlow, I, Schofield, E, Li, Y, Ryan, E, Root, JC et al. (2022). The impact of APOE and smoking history on cognitive function in older, long-term breast cancer survivors. *J Cancer Surviv*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36279076

Wu, T, Hsu, FC, & Pierce, JP. (2020). Increased Acid-Producing Diet and Past Smoking Intensity Are Associated with Worse Prognoses Among Breast Cancer Survivors: A Prospective Cohort Study. *J Clin Med, 9*(6). Available from: https://www.ncbi.nlm.nih.gov/pubmed/32545214

Padron-Monedero A, Tannenbaum SL, Koru-Sengul T, Miao F, Hansra D, et al. Smoking and survival in female breast cancer patients. Breast Cancer Res Treat, 2015; 150(2):395-403. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25724306

Larsen SB, Kroman N, Ibfelt EH, Christensen J, Tjonneland A, et al. Influence of metabolic indicators, smoking, alcohol and socioeconomic position on mortality after breast cancer. Acta Oncol, 2015:1-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25761087

Izano M, Satariano WA, Hiatt RA, and Braithwaite D. Smoking and mortality after breast cancer diagnosis: The health and functioning in women study. Cancer Med, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25511535

3.5.10 Other cancers

de Las Heras Rodriguez, N, Megido Lahera, M, Gonzalez Porras, JR, Sanchez Campos, S, Diez Laiz, R, Fuertes Nunez, M, & Ramos Ortega, F. (2024). Association between cigarette smoking, genetic

polymorphism and myelodysplasia: a multicentric case-control study. *Med Clin (Barc)*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39613711

Liu, T, Xu, K, Pardeshi, A, Myint, SS, Kang, AY, Morimoto, LM et al. (2024). Early-life tobacco exposure is causally implicated in aberrant RAG-mediated recombination in childhood acute lymphoblastic leukemia. *Leukemia*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39251742

Friedman, EB, Williams, GJ, Lo, SN, & Thompson, JF. (2024). Effect of smoking on melanoma incidence: a systematic review with meta-analysis. *J Natl Cancer Inst*.Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38913874

Uotila, I, Siiskonen, H, Haimakainen, S, & Harvima, I. (2024). Tobacco smoking is associated with cutaneous squamous cell carcinoma but not with basal cell carcinoma or melanoma in adult subjects at risk of skin cancer: A cross-sectional study. *Tob Induc Dis, 22*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38745594

Gopalani, SV, Saraiya, M, Huang, B, Tucker, TC, Mix, JM, & Chaturvedi, AK. (2024). Population-level incidence of HPV-positive oropharyngeal, cervical, and anal cancers by smoking status. *J Natl Cancer Inst*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38429996

Hathaway, CA, Townsend, MK, Wang, T, Vinci, C, Jake-Schoffman, DE, Hecht, JL et al. (2024). Lifetime Exposure to Cigarette Smoke, B Cell Tumor Immune Infiltration, and Immunoglobulin Abundance in Ovarian Tumors. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38517322

Brady, MS. (2024). Smoking and Melanoma Outcomes-Another Reason to Quit. *JAMA Netw Open, 7*(2), e2354762. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38319664

Jackson, KM, Jones, PC, Fluke, LM, Fischer, TD, Thompson, JF, Cochran, AJ et al. (2024). Smoking Status and Survival in Patients With Early-Stage Primary Cutaneous Melanoma. *JAMA Netw Open, 7*(2), e2354751. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38319662

Jamel, EG, Chiraz, K, & Marwa, W. (2024). Primary Pulmonary Ewing's Sarcoma: A Surprise Diagnosis in a 52-Year-Old Active Smoker. *Open Respir Arch, 6*(2), 100296. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38356940

Peng, K, Liu, Q, Wang, N, Wang, L, Duan, X, & Ding, D. (2024). Association between smoking and alcohol drinking and benign adrenal tumors: a Mendelian randomization study. *Endocrine*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38409624

Xu, J, Liu, W, Liu, X, Zhou, X, & Li, G. (2023). Alcohol drinking, smoking, and cutaneous melanoma risk: Mendelian randomization analysis. *Gac Sanit, 37*, 102351. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38052122

Fakhoury, JW, Buechler, CR, & Veenstra, J. (2023). Influence of medical comorbidities, smoking, and alcohol on mycosis fungoides progression and mortality. *Int J Dermatol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37997446

Dusingize, JC, Law, MH, Seviiri, M, Olsen, CM, Pandeya, N, Landi, MT et al. (2023). Genetic variants for smoking behaviour and risk of skin cancer. *Sci Rep, 13*(1), 16873. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37803080

Jiang, H, Li, Y, Shen, J, Lin, H, Fan, S, Qiu, R et al. (2023). Cigarette smoking and thyroid cancer risk: A Mendelian randomization study. *Cancer Med*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37746910

Zhong, C, Li, S, Arroyo, K, Morimoto, LM, de Smith, AJ, Metayer, C et al. (2023). Gene-environment analyses reveal novel genetic candidates with prenatal tobacco exposure in relation to risk for childhood acute lymphoblastic leukemia. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37773025

McMahon, KR, Gemma, N, Clapp, M, Sanchez-Montejo, P, Dibello, J, & Laipply, E. (2023). Relationship between anal cancer recurrence and cigarette smoking. *World J Clin Oncol, 14*(7), 259-264. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37583947

Khan, AB, Patel, R, McDonald, MF, Goethe, E, English, C, Gadot, R et al. (2023). Integrated clinical genomic analysis reveals xenobiotic metabolic genes are downregulated in meningiomas of current smokers. *J Neurooncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37318677

Price, SN, Palmer, AM, Fucito, LM, Graboyes, EM, Baker, NL, Rojewski, AM, & Toll, BA. (2023). Tobacco use and cancer-related symptom burden: Analysis of the US Population Assessment of Tobacco and Health Study. *Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37211959

Machuca-Aguado, J, Cozar-Bernal, F, Rodriguez-Zarco, E, Rios-Martin, JJ, & Idoate Gastearena, MA. (2023). Clinicopathological Characteristics and Pathogenesis of Granular Cell Tumours of the Airways: A Plausible Neural Origin Through Chronic Tobacco Mucosa Irritation. *J Bronchology Interv Pulmonol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37067992

Beck, AL, Brauner, EV, Hauser, R, Lim, YH, Uldbjerg, CS, & Juul, A. (2023). Maternal Exposure to Cigarette Smoke during Pregnancy and Testicular Cancer in Offspring: A Systematic Review and Meta-Analysis. *Life (Basel), 13*(3). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36983774

Freeman, T, Erickson, E, Koch, B, Young, T, Allen, D, Kim, B et al. (2023). Smoking and Carcinoma Trends in Recurrent Respiratory Papillomatosis Patients. *Ann Otol Rhinol Laryngol*, 34894231158459. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36879422

Bandak, M, Nielsen, KS, Kreiberg, M, Wagner, T, Rosenvilde, J, Pissinger, C et al. (2023). Smoking as a prognostic factor for survival in patients with disseminated germ cell cancer. *J Natl Cancer Inst* Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36806937

Choudhury, MSR, Khan, MYA, & Shidham, VB. (2023). Cytopathologic evaluation of a subcarinal lesion presenting as mass in a smoker. *Cytojournal, 20*, 1. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36751554

Mattila, K, Vihinen, H, Karlsson, A, Minn, H, Vihinen, P, & Heerva, E. (2023). Smoking is an Independent Marker of Poor Prognosis in Cutaneous Melanoma. *Acta Derm Venereol, 103*, adv00860. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36748330

He, D, Huang, X, Uppal, K, Coleman, AL, Walker, DD, Ritz, B et al. (2023). Biomarkers of Maternal Smoking and the Risk of Retinoblastoma in Offspring. *Retina, 43*(3), 481-489. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36730579

Park, JH, Hong, JY, & Han, K. (2023). Threshold dose-response association between smoking pack-years and the risk of gallbladder cancer: A nationwide cohort study. *Eur J Cancer, 180*, 99-107. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36592508

Lau, LD, Willems, A, & Scardamaglia, L. (2022). Keratinocyte cancer in chronic smokers: is this arsenic exposure? *Med J Aust*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36458983

Damgacioglu, H, Lin, YY, Ortiz, AP, Wu, C F, Shahmoradi, Z, Shyu, SS et al. (2022). State Variation in Squamous Cell Carcinoma of the Anus Incidence and Mortality, and Association With HIV/AIDS and Smoking in the United States. *J Clin Oncol*, JCO2201390. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36441987

Li, X, Yan, H, Wu, J, & Zhang, L. (2022). Tobacco smoking associates with NF1 mutations exacerbating survival outcomes in gliomas. *Biomark Res, 10*(1), 78. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36352461

Araki, Y, Yamamoto, N, Tanzawa, Y, Higashi, T, Kuchiba, A, Hayashi, K et al. (2022). Family cancer history and smoking habit associated with sarcoma in a Japanese population study. *Sci Rep, 12*(1), 17129. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36224239

Dukovski, D, Stavridis, IP, Trajkova, S, Ridova, N, Grivcevska, M, & Kostojcinoska, V. (2022). MM-364 A Retrospective Study of Tobacco Use and Multiple Myeloma: Evidence Against an Association Between Smoking and Incidence/Outcome. *Clin Lymphoma Myeloma Leuk, 22 Suppl 2*, S421. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36164171

Batta, N, Shangraw, S, Nicklawsky, A, Yamauchi, T, Zhai, Z, Menon, DR et al. (2021). Global melanoma correlations with obesity, smoking, and alcohol consumption. *JMIR Dermatol, 4*(2). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35990801

Lin, Y, Kawai, S, Sasakabe, T, Kurosawa, M, Tamakoshi, A, Kikuchi, S, & Group, JS. (2022). Associations between cigarette smoking and biliary tract cancer by anatomic subsite and sex: a prospective cohort study in Japan. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36030296

Agbariah, N, & Rovo, A. (2022). Breaking stereotypes - Polycythemia secondary to shisha smoking in a middle-age Swiss woman. *Acta Haematol. Retrieved from* https://www.ncbi.nlm.nih.gov/pubmed/35835029

Cheah, S, Bassett, JK, Bruinsma, FJ, Cozen, W, Hopper, JL, Jayasekara, H et al. (2022). Alcohol and tobacco use and risk of multiple myeloma: A case-control study. *EJHaem, 3*(1), 109-120. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35846225

Odutola, MK, van Leeuwen, MT, Turner, J, Bruinsma, F, Seymour, JF, Prince, HM et al. (2022). Associations between Smoking and Alcohol and Follicular Lymphoma Incidence and Survival: A

Family-Based Case-Control Study in Australia. *Cancers (Basel), 14*(11). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35681690

Matsuoka, M, Okamoto, M, Soma, T, Yokota, I, Arai, R, Onodera, T et al. (2021). Impact of Smoking History on Pulmonary Metastasis-free Survival in Patients With Soft-tissue Sarcoma. *Cancer Diagn Progn, 1*(2), 89-94. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35403129

Mercut, R, Mercut, IM, Glodeanu, AD, Ionescu, M, Turcu, A, Stefanescu-Dima, A, & Ciurea, ME. (2022). Eyelid carcinomas: Tumor aggressiveness tendencies for smokers compared to non-smokers. *Exp Ther Med, 23*(3), 234. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35222711

Chang, HC, & Tsai, TY. (2022). Is smoking associated with mycosis fungoides and Sezary syndrome? *J Eur Acad Dermatol Venereol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35023221

Zhong, P, Lin, Y, & Chen, T. (2021). A decreased risk of meningioma in women smokers was only observed in American studies rather than studies conducted in other countries: a systematic review and meta-analysis. *Chin Neurosurg J, 7*(1), 45. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34724983

Baron, JA, Nichols, HB, & Safe, S. (2021). Cigarette Smoking and Estrogen-Related Cancer-Reply. *Cancer Epidemiol Biomarkers Prev, 30*(10), 1978. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34607881

Olsen, CM, McLeod, DSA, Dusingize, JC, Pandeya, N, & Whiteman, DC. (2021). Cigarette Smoking and Estrogen-Related Cancer-Letter. *Cancer Epidemiol Biomarkers Prev, 30*(10), 1977. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34607880

Cheng, S, Zhang, W, Inghirami, G, & Tam, W. (2021). Mutation analysis links angioimmunoblastic T-cell lymphoma to clonal hematopoiesis and smoking. *Elife, 10*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34581268

Smoking and Glioma Risk: Evidence From a Meta-Analysis of 25 Observational Studies: Erratum. (2021). *Medicine (Baltimore), 100*(33), e26977. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34414972

Sadoghi, B, Schmid-Zalaudek, K, Zalaudek, I, Fink-Puches, R, Niederkorn, A, Wolf, I et al. (2021). Prevalence of nevi, atypical nevi, and lentigines in relation to tobacco smoking. *PLoS One, 16*(7), e0254772. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34283871

Wu, PC, Huang, IH, Liu, CW, & Huang, YC. (2021). Smoking and the risk of basal cell carcinoma: a systematic review and meta-analysis. *Int J Dermatol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33978963

Wang, T, Townsend, MK, Vinci, C, Jake-Schoffman, DE, & Tworoger, SS. (2021). Early life exposure to tobacco smoke and ovarian cancer risk in adulthood. *Int J Epidemiol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33647961

An, SY, Kim, SY, Oh, DJ, Min, C, Sim, S, & Choi, HG. (2020). Obesity is positively related and tobacco smoking and alcohol consumption are negatively related to an increased risk of thyroid cancer. *Sci Rep, 10*(1), 19279. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33159164

Hermans, K, van den Brandt, PA, Loef, C, Jansen, RLH, & Schouten, LJ. (2020). Alcohol consumption, cigarette smoking and cancer of unknown primary risk: Results from the Netherlands Cohort Study. *Int J Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33022785

Peng, HY, Hsiao, JR, Chou, ST, Hsu, YM, Wu, GH, Shieh, YS, & Shiah, SG. (2020). MiR-944/CISH mediated inflammation via STAT3 is involved in oral cancer malignance by cigarette smoking. *Neoplasia, 22*(11), 554-565. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32961483

You, C, Wu, S, Zheng, SC, Zhu, T, Jing, H, Flagg, K et al. (2020). A cell-type deconvolution meta-analysis of whole blood EWAS reveals lineage-specific smoking-associated DNA methylation changes. *Nat Commun, 11*(1), 4779. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32963246

Yousaf, A, Patterson, J, Hobbs, G, Davis, SM, Yousaf, M, Hafez, M et al. (2020). Smoking is associated with adrenal adenomas and adrenocortical carcinomas: a nationwide multicenter analysis. *Cancer Treat Res Commun, 25*, 100206. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32871402

Olsen, H, Kjellbom, A, Londahl, M, & Lindgren, O. (2020). High prevalence of smoking in patients with adrenal incidentalomas: causality or case selection? *Eur J Endocrinol, 183*(3), 335-341. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32717716

Ahn, S, Han, KD, Park, YM, Bae, JM, Kim, SU, Jeun, SS, & Yang, SH. (2020). Cigarette Smoking Is Associated with Increased Risk of Malignant Gliomas: A Nationwide Population-Based Cohort Study. *Cancers (Basel), 12*(5). Available from: https://www.ncbi.nlm.nih.gov/pubmed/32466105

Song, A, Myung, NK, Bogumil, D, Ihenacho, U, Burg, ML, & Cortessis, VK. (2020). Incident testicular cancer in relation to using marijuana and smoking tobacco: A systematic review and meta-analysis of epidemiologic studies. *Urol Oncol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32409200

Tomar, SL. (2020). Duration of Cigarette Smoking Is a Stronger Risk Factor Than Number of Cigarettes Smoked per Day for Head and Neck Cancer, and Quitting Dramatically Lowers the Risk. *J Evid Based Dent Pract, 20*(1), 101419. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32381417

Lugo, A, & Gallus, S. (2020). Reply to: Comments to "Should we consider gallbladder cancer a new smoking-related cancer? A comprehensive meta-analysis focused on dose-response relationships". *Int J Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/32239678

Wang, T, Townsend, MK, Simmons, V, Terry, KL, Matulonis, UA, & Tworoger, SS. (2019). Pre- and Post- Diagnosis Smoking and Survival Following Diagnosis with Ovarian Cancer. *Int J Cancer*. Available from: Available from: https://www.ncbi.nlm.nih.gov/pubmed/31693173

Lugo, A, Peveri, G, & Gallus, S. (2019). Should we consider gallbladder cancer a new smoking-related cancer? A comprehensive meta-analysis focused on dose-response relationships. *International Journal of Cancer*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31513278

Michalek, IM, Kjaerheim, K, Martinsen, JI, Sparen, P, Tryggvadottir, L, Weiderpass, E et al (2019). Smoking-adjusted risk of renal pelvis cancer by occupation: a population-based cohort study of Nordic men. *Acta Oncol*, 1-4. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31538825

Ugai, T, Ito, H, Oze, I, Saito, E, Rahman, MS, Boffetta, P et al. (2019). Association of BMI, smoking and alcohol with multiple myeloma mortality in Asians: a pooled analysis of more than 800,000 participants in the Asia Cohort Consortium. *Cancer Epidemiol Biomarkers Prev*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31399476

Al Hussein Al Awamlh, B, Shoag, JE, Ravikumar, V, Posada, L, Taylor, BL, van der Mijn, JC et al (2019). Association of Smoking and Death from Genitourinary Malignancies: Analysis of the National Longitudinal Mortality Study. *J Urol*, 101097JU0000000000000433. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31290707

Zhou, H, Sun, H, Liu, X, Chen, J, Zhang, L, Lin, S et al (2019). Combined effect between WT1 methylation and Helicobacter pylori infection, smoking, and alcohol consumption on the risk of gastric cancer. *Helicobacter*, e12650. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31361067

Eriksson, M, Kaerlev, L, Johansen, P, Afonso, N, Ahrens, W, Costa-Pereira, A et al (2019). Tobacco smoking and alcohol consumption as risk factors for thymoma - A European case-control study. *Cancer Epidemiol, 61*, 133-138. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31254794

Santucci, C, Bosetti, C, Peveri, G, Liu, X, Bagnardi, V, Specchia, C et al (2019). Dose-risk relationships between cigarette smoking and ovarian cancer histotypes: a comprehensive meta-analysis. *Cancer Causes Control*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31236793

Roco, A, Lavanderos, A, Cayun, JP, Acevedo, C, Celedon, C, Rubilar, JC et al (2019). The role of phase I and II genetic polymorphisms, smoking, alcohol and cancer family history, in the risk of developing testicular cancer. *Pharmacogenet Genomics*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31107374

Zhou, A, Minlikeeva, AN, Khan, S, & Moysich, KB. (2019). Association between cigarette smoking and histotype-specific epithelial ovarian cancer: a review of epidemiologic studies. *Cancer Epidemiol Biomarkers Prev*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31043418

Lukic, D, Karabeg, R, Jahic, V, Stanojevic, A, Pavlovska, B, Krickovic, Z et al. (2018). Analysis of the Skin Basocellular Carcinoma (BCC) Among the Smokers in Bosnia and Herzegovina. Mater Sociomed, 30(4), 251-254. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30936787

Pedersen, KM, Bak, M, Sorensen, AL, Zwisler, AD, Ellervik, C, Larsen, MK et al. Smoking is associated with increased risk of myeloproliferative neoplasms: A general population-based cohort study. *Cancer Med*, 2018. Available from: https://www.researchgate.net/publication/328287738_Smoking_is_associated_with_increased_risk_of_myeloproliferative_neoplasms_A_general_population-based_cohort_study

Kim, SM, Hwang, KA, Choi, DW, & Choi, KC. The cigarette smoke components induced the cell proliferation and epithelial to mesenchymal transition via production of reactive oxygen species in

endometrial adenocarcinoma cells. Food Chem Toxicol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30236600

Quabius, ES, Loehr, J, Haaser, D, Gunther, V, Maass, N, Rocken, C et al. Smoking-Induced SLPI Expression Hinders HPV Infections Also in Squamous Cell Carcinomas of the Vulva. Transl Oncol, 2018.12(1), 36-42. Available from: : https://www.ncbi.nlm.nih.gov/pubmed/30267960

May M, Fritsche HM, Gilfrich C, Dombrowski M, Maurer O, et al. What do patients with urothelial cancer know about the association of their tumor disease with smoking habits? Results of a german survey study. Investig Clin Urol, 2018; 59(2):91-7. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29520384

Makiuchi T, Sobue T, Kitamura T, Sawada N, Iwasaki M, et al. Smoking, alcohol consumption, and risks for biliary tract cancer and intrahepatic bile duct cancer. J Epidemiol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29760302

Gannon NP, King DM, and Bedi M. Smoking is predictive of poorer distant metastasis-free and progression free-survival in soft tissue sarcoma patients treated with pre-operative radiotherapy or chemoradiotherapy. Clin Sarcoma Res, 2018; 8:7. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29686838

Shenker RF, McTyre ER, Ruiz J, Weaver KE, Cramer C, et al. The effects of smoking status and smoking history on patients with brain metastases from lung cancer. Cancer Med, 2017; 6(5):944-52. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28401684

Praestegaard C, Jensen A, Jensen SM, Nielsen TS, Webb PM, et al. Cigarette smoking is associated with adverse survival among women with ovarian cancer: Results from a pooled analysis of 19 studies. Journal international du cancer, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28063166

Licaj I, Jacobsen BK, Selmer RM, Maskarinec G, Weiderpass E, et al. Smoking and risk of ovarian cancer by histological subtypes: An analysis among 300 000 norwegian women. Br J Cancer, 2017; 116(2):270-6. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27959888

Kelemen LE, Abbott S, Qin B, Peres LC, Moorman PG, et al. Cigarette smoking and the association with serous ovarian cancer in african american women: African american cancer epidemiology study (aaces). Cancer Causes Control, 2017; 28(7):699-708. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28466107

Huang Y, You L, Xie W, Ning L, and Lang J. Smoking and risk of cholangiocarcinoma: A systematic review and meta-analysis. Oncotarget, 2017; 8(59):100570-81. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29246002

Mullany LE, Herrick JS, Wolff RK, Stevens JR, and Slattery ML. Association of cigarette smoking and microrna expression in rectal cancer: Insight into tumor phenotype. Cancer Epidemiol, 2016; 45:98-107. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27780077

Licaj I, Lukic M, Jareid M, Lund E, Braaten T, et al. Epithelial ovarian cancer subtypes attributable to smoking in the norwegian women and cancer study, 2012. Cancer Med, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26762486

Li HX, Peng XX, Zong Q, Zhang K, Wang MX, et al. Cigarette smoking and risk of adult glioma: A meta-analysis of 24 observational studies involving more than 2.3 million individuals. Onco Targets Ther, 2016; 9:3511-23. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27366088

Lamos C, Mihaljevic C, Aulmann S, Bruckner T, Domschke C, et al. Detection of human papillomavirus infection in patients with vaginal intraepithelial neoplasia. PLoS ONE, 2016; 11(12):e0167386. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27907089

Jeon SY, Go RE, Heo JR, Kim CW, Hwang KA, et al. Effects of cigarette smoke extracts on the progression and metastasis of human ovarian cancer cells via regulating epithelial-mesenchymal transition. Reprod Toxicol, 2016; 65:1-10. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27327412

Hou L, Jiang J, Liu B, Han W, Wu Y, et al. Smoking and adult glioma: A population-based case-control study in china. Neuro Oncol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26409568

Scharl M, Bode B, Rushing E, Knuth A, and Rordorf T. Uncommon case of brain metastasis in a patient with a history of heavy smoking. Curr Oncol, 2014; 21(5):e728-31. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25302044

Samatha Y, Sai Sankar AJ, Ganapathy K, Srinivas K, Ankineedu D, et al. Clinicopathologic evaluation of lesions associated with tobacco usage. J Contemp Dent Pract, 2014; 15(4):466-72. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25576115

Joory K, Mikalef P, and Jose RM. Smoking and glomus tumours. J Plast Reconstr Aesthet Surg, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24939831

Hughes MC, Olsen CM, Williams GM, and Green AC. A prospective study of cigarette smoking and basal cell carcinoma. Arch Dermatol Res, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25234270

Andreotti G, Birmann BM, Cozen W, DeRoos A, Chiu BC, et al. A pooled analysis of cigarette smoking and risk of multiple myeloma from the international multiple myeloma consortium. Cancer Epidemiol Biomarkers Prev, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25538226

Zinkhan M, Stang A, Jockel KH, Marr A, Bornfeld N, et al. Having children, social characteristics, smoking and the risk of uveal melanoma: A case-control study. Ophthalmic Epidemiol, 2013; 20(6):360-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24229069

3.5.10.1 Lymphoma

Wang, J, Conti, DV, Epeldegui, M, Ollikainen, M, Tyndale, RF, Hwang, AE et al. (2021). Lymphoma-Associated Biomarkers Are Increased in Current Smokers in Twin Pairs Discordant for Smoking. *Cancers (Basel), 13*(21). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34771561

Taborelli M, Montella M, Libra M, Tedeschi R, Crispo A, et al. The dose-response relationship between tobacco smoking and the risk of lymphomas: A case-control study. BMC Cancer, 2017; 17(1):421. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28622762

Baecklund F, Foo JN, Askling J, Eloranta S, Glimelius I, et al. Possible interaction between cigarette smoking and hla-drb1 variation in the risk of follicular lymphoma. Am J Epidemiol, 2017; 185(8):681-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28369180

van Leeuwen FE and Ng AK. Long-term risk of second malignancy and cardiovascular disease after hodgkin lymphoma treatment. Hematology Am Soc Hematol Educ Program, 2016; 2016(1):323-30. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27913498

Ehlers S, Gastineau D, Patten C, Decker P, Rausch S, et al. The impact of smoking on outcomes among patients undergoing hematopoietic sct for the treatment of acute leukemia. Bone Marrow Transplantation, 2011; 46(2):285□90. Available from: http://www.nature.com/bmt/journal/vaop/ncurrent/full/bmt2010113a.html

Karunanayake C, Singh G, Spinelli J, McLaughlin J, Dosman J, et al. Occupational exposures and hodgkin lymphoma: Canadian case-control study. Journal of Occupational and Environmental Medicine, 2009; 51(12):1447–54. Available from: http://journals.lww.com/joem/pages/articleviewer.aspx?year=2009&issue=12000&article=00014&type=abstract

3.5.10.2 Prostate cancer

Lin, RJ, Liu, CL, Huang, SK, Chiu, AW, Wu, YC, Tseng, WH, & Ho, CH. (2024). Impact of Smoking on Overall and Cancer-Specific Mortality in Prostate Cancer: Elevated Risks in Older and Early-Stage Patients-A Population-Based Study. *Life (Basel), 14*(10). Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39459581

Nguyen, DD, Barocas, DA, Zhao, Z, Huang, LC, Koyama, T, Al Hussein Ai Awamlh, B et al. (2024). Association between smoking and prostate cancer survivors' long-term quality of life and function: an analysis of the CEASAR (Comparative Effectiveness Analysis of Surgery and Radiation) study. *J Cancer Surviv*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/39400687

He, H, Liang, L, Tian, T, Zhang, X, & Lyu, J. (2024). Effect of smoking on prostate cancer: Results from the National Health and Nutrition Examination Survey 2003-2018 and Mendelian randomization analyses. *Tob Induc Dis, 22*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38835514

Ellis, ET, Fairman, BJ, Stahr, SD, Bensen, JT, Mohler, JL, Song, L et al. (2024). Cigarette smoking and prostate cancer aggressiveness among African and European American men. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38758522

Harmatz, IM, Alkhatib, KY, Leff, M, Nolazco, JI, Michel, KF, Slinger, M et al. (2024). Prostate-Specific Antigen Screening in Smokers: A Comprehensive Analysis Using a National Behavioral Survey. *Urol Pract, 11*(3), 547-556. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38564816

Wei, B, Tan, W, Wang, S, Guo, Z. & Gan, S. (2023). Interaction between smoking status and dietary selenium intake affects PSA: A cross-sectional study. *Urol Oncol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37940471

Elshafei, A, Al-Toubat, M, Feibus, AH, Koul, K, Jazayeri, SB, Lelani, N et al. (2023). Genetic mutations in smoking-associated prostate cancer. *Prostate*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37455402

Liu, IT, Gu, L, De Hoedt, AM, Cooperberg, MR, Amling, CL, Kane, CJ et al. (2023). Are associations between obesity and prostate cancer outcomes following radical prostatectomy the same in smokers and non-smokers? Results from the SEARCH Cohort. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37405681

Yang, X, Chen, H, Zhang, S, Chen, X, Sheng, Y, & Pang, J. (2023). Association of cigarette smoking habits with the risk of prostate cancer: a systematic review and meta-analysis. *BMC Public Health, 23*(1), 1150. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37316851

Baghery, F, Lau, LDW, Mohamadi, M, Vazirinejad, R, Ahmadi, Z, Javedani, H et al. (2023). Risk of urinary tract cancers following arsenic exposure and tobacco smoking: a review. *Environ Geochem Health*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37248359

Nolazco, JI, Mucci, LA, Sosnowski, R, Przewozniak, K, Chang, SL, & De Nunzio, C. (2023). Relationship between cigarette use and prostate cancer risk: what do we know and what should we do? *Prostate Cancer Prostatic Dis*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37087528

Kumar, R, Matulewicz, R, Mari, A, Moschini, M, Ghodoussipour, S, Pradere, B et al. (2023). Impact of smoking on urologic cancers: a snapshot of current evidence. *World J Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/37093319

Huang, J, Chan, EO, Liu, X, Lok, V, Ngai, CH, Zhang, L et al. (2023). Global Trends of Prostate Cancer by Age, and Their Associations With Gross Domestic Product (GDP), Human Development Index (HDI), Smoking, and Alcohol Drinking. *Clin Genitourin Cancer*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36878752

Al-Fayez, S, & El-Metwally, A. (2023). Cigarette smoking and prostate cancer: A systematic review and meta-analysis of prospective cohort studies. *Tob Induc Dis, 21*, 19. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36762260

Zhang, H, Huang, D, Zhang, Y, Wang, X, Wu, J, & Hong, D. (2023). Global burden of prostate cancer attributable to smoking among males in 204 countries and territories, 1990-2019. *BMC Cancer, 23*(1), 92. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36703189

Bosas, P,Zaleskis, G, & Characiejus, D. (2022). Re: Sylvia H.J. Jochems, Josef Fritz, Christel Haggstrom, Bengt Jarvholm, Par Stattin, Tanja Stocks. Smoking and Risk of Prostate Cancer and Prostate Cancer Death: A Pooled Study. Eur Urol. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35907665.

Jochems, SHJ, Stattin, P & Stocks, T. (2022). Reply to Paulius Bosas, Gintaras Zaleskis, and Dainius Characiejus's Letter to the Editor re: Sylvia H.J. Jochems, Josef Fritz, Christel Haggstrom, Bengt Jarvholm, Par Stattin, Tanja Stocks. Smoking and Risk of Prostate Cancer and Prostate Cancer Death: A Pooled Study. Eur Urol. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35907663

Jochems, SHJ, Fritz, J, Haggstrom, C, Jarvholm, B, Stattin, P, & Stocks, T. (2022). Smoking and Risk of Prostate Cancer and Prostate Cancer Death: A Pooled Study. *Eur Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35523620

Freitas, DM, Andriole, GL, Freedland, SJ, Neto, BS, & Moreira, DM. (2021). Smoking Is Associated With Basal Cell Hyperplasia on Prostate Biopsy Specimens. *Am J Clin Pathol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33939794

Langlais, CS, Chan, JM, Kenfield, SA, Cowan, JE Graff, RE, Broering, JM et al (2021). Post-diagnostic coffee and tea consumption and risk of prostate cancer progression by smoking history. *Cancer Causes Control*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33837499

Kiani, A, Kamankesh, M, Vaisi-Raygani, A, Moradi, MR, Tanhapour, M, Rahimi, Z et al. (2020). Activities and polymorphisms of MMP-2 and MMP-9, smoking, diabetes and risk of prostate cancer. *Mol Biol Rep, 47*(12), 9373-9383. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33165815

Press, DJ, Pierce, B Lauderdale, D S, Aschebrook-Kilfoy, B, Lin Gomez, S, Hedeker, D et al (2020). Tobacco and marijuana use and their association with serum prostate-specific antigen levels among African American men in Chicago. *Prev Med Rep, 20*, 101174. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33088675

Sato, N, Shiota, M Shiga, KI, Kashiwagi, E, Takeuchi, A, Inokuchi, J et al (2020). Effect of Smoking on Oncological Outcome among Prostate Cancer Patients after Radical Prostatectomy with Neoadjuvant Hormonal Therapy. *Cancer Invest*, 1-6. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/33016145

Delgado-Balderas, JR, Gallardo-Blanco, HL, Yee-De Leon, JF, Rivas-Estilla, AM, Soto-Garcia, B, Araiz-Hernandez, D et al. (2020). Steroid 5 alpha-reductase 2 enzyme variants, biomass exposure and tobacco use in Mexican patients with prostate cancer. *Oncol Lett, 20*(5), 261. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32989395

Inamura, S, Ito, H, Oe, H, Seki, M, Taga, M, Kobayashi, M, & Yokoyama, O. (2020). Duration of smoking cessation is negatively associated with the magnitude of chronic prostatic inflammation and storage dysfunction in patients with benign prostatic hyperplasia. *Int J Urol*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/32710513

Abbas, M, Mason, T, Ibad, A, Khraiwesh, M, Apprey, V, Kanaan, Y et al. (2020). Genetic Polymorphisms in IL-10 Promoter Are Associated With Smoking and Prostate Cancer Risk in African Americans. *Anticancer Research, 40*(1), 27-34. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31892550

Khan, S, Thakkar, S, & Drake, B. (2019). Smoking history, intensity, and duration and risk of prostate cancer recurrence among men with prostate cancer who received definitive treatment. *Ann Epidemiol*. Available from: https://www.ncbi.nlm.nih.gov/pubmed/31563295

Mormile, R. Smoking and susceptibility to prostate cancer: what is the truth? Minerva Urol Nefrol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30547903

Kelly, SP, Lennon, H, Sperrin, M, Matthews, C, Freedman, ND, Albanes, D et al. Body mass index trajectories across adulthood and smoking in relation to prostate cancer risks: the NIH-AARP Diet and Health Study. Int J Epidemiol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30376043

De Nunzio, C, Tema, G, Lombardo, R, Trucchi, A, Bellangino, M, Esperto, F et al. Cigarette smoking is not associated with prostate cancer diagnosis and agressiveness: a cross sectional italian study. Minerva Urol Nefrol, Sept 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/30230295

Jimenez-Mendoza E, Vazquez-Salas RA, Barrientos-Gutierrez T, Reynales-Shigematsu LM, Labra-Salgado IR, et al. Smoking and prostate cancer: A life course analysis. BMC Cancer, 2018; 18(1):160. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29415662

Gansler T, Shah RA, Wang Y, Stevens VL, Yang B, et al. Smoking and prostate cancer-specific mortality after diagnosis in a large prospective cohort. Cancer Epidemiol Biomarkers Prev, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29700008

Freedland SJ. Smoking and death from prostate cancer. JAMA Oncol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29800137

Foerster B, Pozo C, Abufaraj M, Mari A, Kimura S, et al. Association of smoking status with recurrence, metastasis, and mortality among patients with localized prostate cancer undergoing prostatectomy or radiotherapy: A systematic review and meta-analysis. JAMA Oncol, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29800115

Brookman-May SD, Campi R, Henriquez JDS, Klatte T, Langenhuijsen JF, et al. Latest evidence on the impact of smoking, sports, and sexual activity as modifiable lifestyle risk factors for prostate cancer incidence, recurrence, and progression: A systematic review of the literature by the european association of urology section of oncological urology (esou). Eur Urol Focus, 2018. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29576530

Tang B, Han CT, Gan HL, Zhang GM, Zhang CZ, et al. Smoking increased the risk of prostate cancer with grade group >/= 4 and intraductal carcinoma in a prospective biopsy cohort. Prostate, 2017; 77(9):984-9. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28422303

Sato N, Shiota M, Shiga KI, Takeuchi A, Inokuchi J, et al. Smoking effect on oncological outcome among men with prostate cancer after radical prostatectomy. Jpn J Clin Oncol, 2017:1-5. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28184442

Safavy S, Kilday PS, Slezak JM, Abdelsayed GA, Harrison TN, et al. Effect of a smoking cessation program on sexual function recovery following robotic prostatectomy at kaiser permanente southern california. Perm J, 2017; 21. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28488986

Printz C. Smokeless tobacco product may increase mortality rate in patients with prostate cancer. Cancer, 2017; 123(2):190. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28067951

Lee A, Shao MS, Schwartz D, Safdieh J, Osborn VW, et al. The impact of tobacco use on outcomes and toxicity in a predominantly minority population of males with prostate cancer receiving external beam radiation. Cureus, 2017; 9(5):e1259. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28649482

Khan S, Hicks V, Colditz GA, Kibel AS, and Drake BF. The association of weight change in young adulthood and smoking status with risk of prostate cancer recurrence. Journal international du cancer, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29270988

Joshu CE, Peskoe SB, Heaphy CM, Kenfield SA, Mucci LA, et al. Current or recent smoking is associated with more variable telomere length in prostate stromal cells and prostate cancer cells. Prostate, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29164645

De Nunzio C, Brassetti A, Proietti F, Deroma M, Esperto F, et al. Metabolic syndrome and smoking are associated with an increased risk of nocturia in male patients with benign prostatic enlargement. Prostate Cancer Prostatic Dis, 2017. Available from: https://www.ncbi.nlm.nih.gov/pubmed/29203892

Curtis A, Ondracek RP, Murekeyisoni C, Kauffman E, Mohler J, et al. Tobacco use and outcome in radical prostatectomy patients. Cancer Med, 2017; 6(4):857-64. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28317280

Boran C, Kandirali E, Yanik S, Ahsen H, Ulukaradag E, et al. Does smoking change expression patterns of the tumor suppressor and DNA repair genes in the prostate gland? Urol Oncol, 2017. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28391998

Shui IM, Wong CJ, Zhao S, Kolb S, Ebot EM, et al. Prostate tumor DNA methylation is associated with cigarette smoking and adverse prostate cancer outcomes. Cancer, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27142338

Mitsui Y, Chang I, Kato T, Hashimoto Y, Yamamura S, et al. Functional role and tobacco smoking effects on methylation of cyp1a1 gene in prostate cancer. Oncotarget, 2016. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27203547

Kelsey R. Prostate cancer: Gene expression signature in tumours of smokers. Nat Rev Urol, 2016; 13(2):64. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26787391

Jones MR, Joshu CE, Kanarek N, Navas-Acien A, Richardson KA, et al. Cigarette smoking and prostate cancer mortality in four us states, 1999-2010. Prev Chronic Dis, 2016; 13:E51. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27079649

Yuan C, Cao Y, Chavarro J, Lindstrom S, Qiu W, et al. Prediagnostic body-mass index, smoking and prostate cancer survival: A cohort consortium study of over 10,000 white men with prostate cancer. Cancer Epidemiol Biomarkers Prev, 2015; 24(4):759-60. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25834153

Schlatmann FW and Blanker MH. Re: Farhad islami, daniel m. Moreira, paolo boffetta, stephen j. Freedland. A systematic review and meta-analysis of tobacco use and prostate cancer mortality and incidence in prospective cohort studies. Eur urol 2014;66:1054-64. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25666849

Rieken M, Shariat SF, Kluth LA, Fajkovic H, Rink M, et al. Association of cigarette smoking and smoking cessation with biochemical recurrence of prostate cancer in patients treated with radical prostatectomy. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26050111

Rieken M and Shariat SF. Reply to michael froehner, rainer koch, manfred p. Wirth's letter to the editor re: Malte rieken, shahrokh f. Shariat, luis a. Kluth, et al. Association of cigarette smoking and smoking cessation with biochemical recurrence of prostate cancer in patients treated with radical prostatectomy. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.05.038. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26314617

Prueitt R, Wallace TA, Glynn SA, Yi M, Tang W, et al. An immune-inflammation gene expression signature in prostate tumors of smokers. Cancer Res, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26719530

Polesel J, Gini A, Dal Maso L, Stocco C, Birri S, et al. The negative impact of tobacco smoking on survival after prostate cancer diagnosis. Cancer Causes Control, 2015; 26(9):1299-305. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26134048

Moreira DM, Nickel JC, Gerber L, Muller RL, Andriole GL, Jr., et al. Smoking is associated with acute and chronic prostatic inflammation: Results from the reduce study. Cancer Prev Res (Phila), 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25644151

Lu X, Yamano Y, Takahashi H, Koda M, Fujiwara Y, et al. Associations between estrogen receptor genetic polymorphisms, smoking status, and prostate cancer risk: A case-control study in japanese men. Environ Health Prev Med, 2015; 20(5):332-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26251204

Kim Y, Wei J, Citronberg J, Hartman T, Fedirko V, et al. Relation of vitamin e and selenium exposure to prostate cancer risk by smoking status: A review and meta-analysis. Anticancer Res, 2015; 35(9):4983-96. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26254398

Froehner M, Koch R, and Wirth MP. Re: Malte rieken, shahrokh f. Shariat, luis a. Kluth, et al. Association of cigarette smoking and smoking cessation with biochemical recurrence of prostate cancer in patients treated with radical prostatectomy. Eur urol. In press. Http://dx.Doi.Org/10.1016/j.Eururo.2015.05.038. Eur Urol, 2015. Available from: http://www.ncbi.nlm.nih.gov/pubmed/26318708

Vilckova M, Jurecekova J, Dobrota D, Habalova V, Klimcakova L, et al. Variation in n-acetyltransferase 2 (nat2), smoking and risk of prostate cancer in the slovak population. Med Oncol, 2014; 31(6):987. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24816842

Taneja SS. Re: Cigarette smoking is associated with an increased risk of biochemical disease recurrence, metastasis, castration-resistant prostate cancer, and mortality after radical prostatectomy: Results from the search database. J Urol, 2014; 191(6):1784. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25280282

Steinberger E, Kollmeier M, McBride S, Novak C, Pei X, et al. Cigarette smoking during external beam radiation therapy for prostate cancer is associated with an increased risk of prostate cancer-specific mortality and treatment-related toxicity. BJU Int, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25345838

Moreira DM, Aronson WJ, Terris MK, Kane CJ, Amling CL, et al. Cigarette smoking is associated with an increased risk of biochemical disease recurrence, metastasis, castration-resistant prostate cancer, and mortality after radical prostatectomy: Results from the search database. Cancer, 2014; 120(2):197-204. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24127391

Ho T, Howard LE, Vidal AC, Gerber L, Moreira D, et al. Smoking and risk of low- and high-grade prostate cancer: Results from the reduce study. Clin Cancer Res, 2014; 20(20):5331-8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25139338

Fenner A. Prostate cancer: Reduce-ing the link between smoking and prostate cancer. Nat Rev Urol, 2014. Available from: http://www.ncbi.nlm.nih.gov/pubmed/25201623

Koc G, Akgul K, Yilmaz Y, Dirik A, and Un S. The effects of cigarette smoking on prostate-specific antigen in two different age groups. Can Urol Assoc J, 2013; 7(11-12):E704-7. Available from: http://www.ncbi.nlm.nih.gov/pubmed/24282461

Huncharek M, Haddock S, Reid R, and Kupelnick B. Smoking as a risk factor for prostate cancer: A meta-analysis of 24 prospective cohort studies. American Journal of Public Health, 2010; 100(4):693–701. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19608952

Zu K and Giovannucci E. Smoking and aggressive prostate cancer: A review of the epidemiologic evidence. Cancer Causes and Control, 2009; 20(10):1799–810. Available from: http://www.ncbi.nlm.nih.gov/pubmed/19562492

Watters J, Park Y, Hollenbeck A, Schatzkin A, and Albanes D. Cigarette smoking and prostate cancer in a prospective us cohort study. Cancer Epidemiology, Biomarkers & Prevention, 2009; 18(9):2427–35. Available from: http://cebp.aacrjournals.org/content/18/9/2427.long

3.5.10.3 Ovarian cancer

Liu, S, Feng, S, Du, F, Zhang, K, & Shen, Y. (2023). Association of smoking, alcohol, and coffee consumption with the risk of ovarian cancer and prognosis: a mendelian randomization study. *BMC Cancer, 23*(1), 256. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36941558

Hathaway, CA, Wang, T, Townsend, MK, Vinci, C, Jake-Schoffman, DE, Saeed-Vafa, D Tworoger, SS. (2022). Lifetime Exposure to Cigarette Smoke and Risk of Ovarian Cancer by T Cell Tumor Immune Infiltration. *Cancer Epidemiol Biomarkers Prev*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/36318652

Wang, T, Read, SH, Moino, D Ayoubi, Y, Chern, JY& Tworoger, SS. (2022). Tobacco Smoking and Survival Following a Diagnosis with Ovarian Cancer. *Cancer Epidemiol Biomarkers Prev, 31*(7), 1376-1382. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/35775222

Lycke, M, Ulfenborg, B, Malchau Lauesgaard, J, Kristjansdottir, B, & Sundfeldt, K. (2021). Consideration should be given to smoking, endometriosis, renal function (eGFR) and age when interpreting CA125 and HE4 in ovarian tumor diagnostics. *Clin Chem Lab Med*. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/34388324

3.5.10.4 Cancer of unknown primary origin

Gupta, RK, Wasnik, P, & Sharma, AR. (2024). Papillary urothelial neoplasm of low malignant potential with osseous metaplasia in a 19-year-old chronic smoker: A case report with review of literature. *Indian J Pathol Microbiol, 67*(1), 159-161. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/38358210

News reports:

3.5 Other cancers

Australian Institute of Health and Welfare. Cancer. Canberra: AIHW, 2011. Last update: 28/4/2011; Viewed Available from: http://www.aihw.gov.au/cancer/.

3.5.1 Head and neck cancers

Connor N. Drinking hot tea linked to cancer, in *The Telegraph*2018. Available from: http://www.telegraph.co.uk/news/2018/02/06/drinking-hot-tea-can-increase-risk-cancer-study-finds/.
Nelson B. Kissing overtakes smoking as leading risk factor for oral cancer, says doctor, in *Mother Nature Network*2015. Available from: https://www.mnn.com/health/fitness-well-being/stories/kissing-overtakes-smoking-leading-risk-factor-oral-cancer-says-doctor

No authors listed. Rates of mouth cancer increase to all time high in *The Dentist*2015. Available from: http://www.the-dentist.co.uk/article/4176/rates-of-mouth-cancer-increase-to-all-time-high.

3.5.1.1 Risk associated with smoking

3.5.1.2 How tobacco smoke causes head and neck cancers and oesophageal cancer

3.5.1.3 Factors affecting risk

Intensity and duration of smoking

Alcohol consumption

Smoking cessation

3.5.4 Kidney and bladder cancers

European Association of Urology. Early menopause in smokers linked to bladder cancer. *Medical Xpress, 2019. Mar 15, 2019*. Available from: https://medicalxpress.com/news/2019-03-early-menopause-smokers-linked-bladder.html

Christie K. Alert over smoking link to bladder cancer. The Scotsman, 2017. Available from: http://www.scotsman.com/news/uk/alert-over-smoking-link-to-bladder-cancer-1-4586954

3.5.4.3 Factors affecting risk

No authors listed. Genes that hold the clues to bladder cancer and its treatment, in *Medical Xpress (PhysOrg.com)*2017. Available from: https://medicalxpress.com/news/2017-11-genes-clues-bladder-cancer-treatment.html.

3.5.4.4 Impact of smoking on prognosis

Reuters. Most smokers with bladder cancer know tobacco was the cause, in *Asia One* 2014. Available from: http://yourhealth.asiaone.com/content/most-smokers-bladder-cancer-know-tobacco-was-cause.

3.5.8 Colorectal (bowel) cancer

No authors listed. Unhealthy lifestyle responsible for 45,000 predicted cases of bowel cancer in next decade. Medical Xpress, 2018. Sept 25, 2018. Available from https://medicalxpress.com/news/2018-09-unhealthy-lifestyle-responsible-cases-bowel.html

No authors listed. Smoking increases risk of precancerous colorectal lesions in women more than in men, in *Medical News Today*2016. Available from: http://www.medicalnewstoday.com/releases/313918.php.

3.5.9 Breast cancer

No authors listed. For breast cancer patients, never too late to quit smoking, in *Medical News Today*2016. Available from: http://www.medicalnewstoday.com/releases/305650.php?tw.

3.5.9.1 Risk associated with smoking

Glantz S. Acs. Harvard, and nci researchers conclude that smoking causes breast cancer: This is important to all women. Center for Tobacco Control, Research and Education, San Francisco 2015. Available from: https://tobacco.ucsf.edu/acs-harvard-and-nci-researchers-conclude-smoking-causes-breast-cancer-important-all-women.

3.5.9.4 Impact of smoking on prognosis

Rapaport L. More evidence smoking raises risk of death from breast cancer, in *Reuters*2015. Available from: http://uk.reuters.com/article/2015/07/21/us-health-smoking-breast-cancer-idUKKCN0PV2DV20150721.

No authors listed. Smoking may impact survival after a breast cancer diagnosis in *Medical News Today*2015. Available from: http://www.medicalnewstoday.com/releases/295863.php?tw.

3.5.10 Other cancers

Baulkman J. Smokers who take the pill cut their ovarian cancer risk by 66%: The extra hormones offset the damage of cigarettes, study finds, in *Daily Mail*2018. Available from: http://www.mailonsunday.co.uk/health/article-5298489/Smokers-Pill-cut-ovarian-cancer-risk-66.html.

3.5.10.2 Prostate cancer

Rapaport L. Prostate cancer survival odds worse for smokers, in *Reuters*2018. Available from: https://www.reuters.com/article/us-health-prostate-smoking/prostate-cancer-survival-odds-worse-for-smokers-idUSKCN1J12YZ.

No authors listed. Drop in cigarette smoking linked to decline in prostate cancer deaths, in *Medical News Today*2016. Available from: http://www.medicalnewstoday.com/releases/309112.php.

von Radowitz J. New research finds prostate cancer link to smoking. Belfast Telegraph 2015. Available from: http://www.belfasttelegraph.co.uk/news/health/new-research-finds-prostate-cancer-link-to-smoking-31322138.html

3.5.10.3 Ovarian cancer

3.5.10.4 Cancer of unknown primary origin