

# Tobacco in Australia

## Facts & Issues

---

### Relevant news and research

#### 3.27 Health effects of smoking tobacco in other forms

*Last updated September 2024*

Research: .....	2
3.27.1 <i>Manufactured loose tobacco</i> .....	4
3.27.3 <i>Cigar smoking</i> .....	4
3.27.4 <i>Pipe smoking</i> .....	7
3.27.5 <i>Waterpipe smoking</i> .....	7
3.27.6 <i>Kreteks</i> .....	37
3.27.7 <i>Bidis</i> .....	37
News reports: .....	38
3.27.3 <i>Cigar smoking</i> .....	38
3.27.5 <i>Waterpipe smoking</i> .....	39

## Research:

Fakunle, AG, Okekunle, AP, Asowata, OJ, Akpa, O, Sarfo, FS, Akpalu, A et al (2023). Non-cigarette tobacco use and stroke among West Africans: evidence from the SIREN study. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38015428>

Adetona, O, Mok, S, Rajczyk, J, Brinkman, MC, & Ferketich, AK. (2021). The adverse health effects of waterpipe smoking in adolescents and young adults: A narrative review. *Tob Induc Dis*, 19, 81. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34720796>

Wang, Q, Zhan, AT, Qiu, F, & Fan, YM. (2021). Perioral contact dermatitis due to Chinese waterpipe smoking in two men. *Contact Dermatitis*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34734652>

Xiong, Y, Xi, S, Gara, SK, Shan, J, Gao, J, Zhang, M et al. (2021). Hookah Smoke Mediates Cancer-Associated Epigenomic and Transcriptomic Signatures in Human Respiratory Epithelial Cells. *JTO Clin Res Rep*, 2(7), 100181. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34790904>

Tellez, CS, Juri, DE, Phillips, LM, Do, K, Thomas, CL, Willink, R et al. (2021). Comparative Genotoxicity and Mutagenicity of Cigarette, Cigarillo, and Shisha Tobacco Products in Epithelial and Cardiac Cells. *Toxicol Sci*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34390580>

Darawshy, F, Abu Rmeileh, A, Kuint, R, & Berkman, N. (2021). Waterpipe smoking: a review of pulmonary and health effects. *Eur Respir Rev*, 30(160). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33980668>

Payne, TJ, Hart, JL, Giachello, AL, Walker, KL, Wang, W, Groom, A et al (2020). Tobacco perceptions and practices: User groups and demographic characteristics, Mississippi, USA. *Popul Med*, 2. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33521651>

Zhong, R, Chen, L, Zhang, Q, Li, B, Qiu, Y, Wang, W et al (2020). Which Factors, Smoking, Drinking Alcohol, Betel Quid Chewing, or Underlying Diseases, Are More Likely to Influence the Severity of COVID-19? *Front Physiol*, 11, 623498. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33536941>

Samara, F, Alam, IA, & ElSayed, Y. (2021). Midwakh: Assessment of levels of Carcinogenic Polycyclic Aromatic Hydrocarbons (PAHs) and Nicotine in Dokha Tobacco Smoke. *J Anal Toxicol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33475688>

Andong, FA, Orji, EA, Ezenwaji, NE, Nkemakolam, AO, Melefa, TD, Chukwurah, AO et al (2020). Sub-acute oral toxicity study of aqueous extract of tobacco leaves (*Nicotiana tabacum* L) on lipid profile, the tissue, and serum of the liver and kidney of male Wistar rats. *Biomarkers*, 1-42. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33213209>

Mays, D, Johnson, AC, Phan, L, Tercyak, KP, Rehberg, K, & Lipkus, I. (2020). Effect of risk messages on risk appraisals, attitudes, ambivalence, and willingness to smoke hookah in young adults. *Health Psychol Behav Med*, 8(1), 96-109. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33033657>

Choi, K, Inoue-Choi, M, McNeel, TS, & Freedman, ND. (2019). Mortality Risks of Dual- and Poly-Tobacco Product Users in the United States. *Am J Epidemiol*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31225859>

Westra, WM, Lutzke, LS, Mostafavi, NS, Roes, AL, Calpe, S, Wang, KK, & Krishnadath, K K. Smokeless Tobacco and Cigar and/or Pipe Are Risk Factors for Barrett Esophagus in Male Patients With Gastroesophageal Reflux Disease. *Mayo Clin Proc*, 2018. 93(9), 1282-1289. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30193675>

Szyfter, K, Napierala, M, Florek, E, Braakhuis, BJM, Takes, RP, Rodrigo, JP et al. Molecular and health effects in the upper respiratory tract associated with tobacco smoking other than cigarettes. *Int J Cancer*, Sept 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30183075>

Shaikh, RB, Sreedharan, J, Al Sharbatti, S, Muttappallymyalil, J, Lee, L, Weitzman, M. Salivary cotinine concentration and carbon monoxide levels in young adults smoking midwakh in comparison with cigarette smokers. *Tob Control*, Jul 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29986952>

Pickworth, WB, Rosenberry, ZR, O'Grady, KE, Koszowski, B. Dual Use of Cigarettes, Little Cigars, Cigarillos, and Large Cigars: Smoking Topography and Toxicant Exposure. *Tob Regul Sci*. 2017 Apr;3(Suppl 1):S72-S83. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28966952>

Pickworth, WB, Thanner, MH. Cigar Use Symposium: Epidemiology, Toxicant Exposure, Health and Policy Implications. *Tob Regul Sci*. 2017 Apr;3(Suppl 1):S3-S7. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28983497>

Stepanov, I, Abrams, J, Jain, V, Walter, K, Kittner, DL. Variations of toxic and carcinogenic constituents in nasvai: call for systematic research and regulation. *Tobacco Control*, 2017. 26(3), 355-356. Available from: <http://tobaccocontrol.bmj.com/content/tobaccocontrol/26/3/355.full.pdf>

Elsayed, Y, Dalibalta, S, El Kouche, M. Chemical characterization and safety assessment of dokha: An emerging alternative tobacco product. *Sci Total Environ*. 2017 Sep 26;615:9-14. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28961439>

Malhotra, J, Borron, C, Freedman, ND, Abnet, CC, van den Brandt, PA, White, E, Milne, RL, Giles, GG, Boffetta, P. Association between Cigar or Pipe Smoking and Cancer risk in Men: A Pooled Analysis of Five Cohort Studies. *Cancer Prev Res (Phila)*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28972007>

Palipudi, K et al. A cross sectional study of Kretek smoking in Indonesia as a major risk to public health. *Asian Pac J Cancer Prev*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26514461>

Vugrin, ED et al. Modeling the potential effects of new tobacco products and policies: a dynamic population model for multiple product use and harm. *PLoS One*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25815840>

Sajja, RK et al. Differential cerebrovascular toxicity of various tobacco products: a regulatory perspective. *Journal of Pharmacovigilance*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25705706>

Markowicz, P, Londahl, J, Wierzbicka, A, Suleiman, R, Shihadeh, A, Larsson, LA study on particles and some microbial markers in waterpipe tobacco smoke. *Sci Total Environ*, 2014. 499, 107-113. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25181042>

Meo, SA, AlShehri, KA, AlHarbi, BB, Barayyan, OR, Bawazir, AS, Alanazi, OA, Al-Zuhair, AR. Effect of shisha (waterpipe) smoking on lung functions and fractional exhaled nitric oxide (FeNO) among Saudi young adult shisha smokers. *Int J Environ Res Public Health*, 2014. 11(9), 9638-9648. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25233010>

Schubert, J, Muller, FD, Schmidt, R, Luch, A, Schulz, TG. Waterpipe smoke: source of toxic and carcinogenic VOCs, phenols and heavy metals? *Arch Toxicol*, 2014. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25248501>

Sharma, E, Clark, PI, Sharp, KE. Understanding psychosocial aspects of waterpipe smoking among college students. *Am J Health Behav*, 2014. 38(3), 440-447. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25181764>

COPD exacerbations more severe in smokers of menthol cigarettes. *Nurs Stand*, 2014.29(10), 17. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25370238>

Kune, GA, Kune, S, Vitetta, L, Watson, LF. Smoking and colorectal cancer risk: data from the Melbourne Colorectal Cancer Study and brief review of literature. *Journal international du cancer*, 1992. 50(3), 369-372. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/1735604>

### 3.27.1 *Manufactured loose tobacco*

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>

Alvim, GC, Paiva, GR, Alandia-Roman, CC, Lepri, CP, & De Castro, DT. (2022). Effect of conventional and rolled cigarette smoke on the colour of artificial teeth and effectiveness of hygiene protocols in removing pigmentation - An in vitro study. *Indian J Dent Res*, 33(4), 419-424. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37006008>

Darrall, KG, Figgins, JA. Roll-your-own smoke yields: theoretical and practical aspects. *Tob Control*, 1998. 7(2), 168-175. Retrieved from. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1759683/>

### 3.27.3 *Cigar smoking*

**Eckhardt, CM, Balte, P, Morris, JE, Bhatt, SP, Couper, D, Fetterman, J et al. (2024). Non-cigarette tobacco products, aryl-hydrocarbon receptor repressor gene methylation and smoking-related health outcomes. *Thorax*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39033027>**

Collatuzzo, G, Rashidian, H, Hadji, M, Naghibzadeh, A, Alizadeh-Navaei, R, Boffetta, P, & Zendejdel, 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>

Sharma, E, Lauten, K, Zebrak, KA, Edwards, KC, VanEtten, S, Benson, AF et al. (2024). Respiratory symptoms and outcomes among cigar smokers: findings from the Population Assessment of Tobacco and Health (PATH) study waves 2-5 (2014-2019). *Respir Res*, 25(1), 185. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38678212>

Jensen, JK, Ganz, O, Tomaino, M, Glasser, AM, Sterling, K, Delnevo, CD, & Manderski, MTB. (2024). Patterns of blunt and cigar use in the United States, 2015-2019. *medRxiv*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38464228>

Sharma, E, Tang, Z, Lauten, K, Silveira, ML, Delnevo, CD, Edwards, KC et al. (2024). Cardiovascular disease outcomes among established cigar users 40 years and older: Findings from the population assessment of tobacco and health (PATH) study, waves 1-5 (2013-2019). *Prev Med Rep*, 37, 102569. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38186661>

Cook, DK, Lalonde, G, Oldham, MJ, Wang, J, Bates, A, Ullah, S et al (2024). A Practical Framework for Novel Electronic Nicotine Delivery System Evaluation: Chemical and Toxicological Characterization of JUUL2 Aerosol and Comparison with Reference Cigarettes. *Toxics*, 12(1). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38178199>

Vargees, C, Stroup, AM, Niznik, T, Dunn, D, Wyatt, R, Hoetger, C et al. (2023). Patterns of use, perceptions, and cardiopulmonary health risks of cigar products: a systematic review. *BMC Public Health*, 23(1), 2357. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38017396>

Dai, HD, Benowitz, NL, Rogan, E, Degarege, A, Buckley, J, & Khan, AS. (2023). Biomarkers of Toxic Exposure and Oxidative Stress Among U.S. Adult Users of Premium Cigar Versus Other Cigar Subtypes: 2013-2019. *Nicotine Tob Res*, 25(Suppl\_1), S84-S93. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37506235>

Mohammed Ali, M, Helou, M, Al-Sayed Ahmad, M, Al Ali, R & Damiri, B. (2022). Risk of Tobacco Smoking and Consumption of Energy Drinks on Obesity and Central Obesity Among Male University Students. *Cureus*, 14(2), e21842. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35291543>

Teutsch, SM, Geller, AB, & Mead, AM. (2022). In *Premium Cigars: Patterns of Use, Marketing, and Health Effects*. Washington (DC). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35273934>

Leon, X, Pujals, G, Bulboa, C, Garcia, J, Lopez, M, & Quer, M. (2021). Head and neck squamous cell carcinoma in cigar smokers. Distinctive epidemiological and prognostic characteristics. *Acta Otorrinolaringol Esp (Engl Ed)*, 72(4), 222-229. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34294221>

Crosby, L, Yucesoy, B, Leggett, C, Tu, Z, Belinsky, SA, McDonald, et al (2020). Smoke Chemistry, In vitro Cytotoxicity, and Genotoxicity Demonstrates Enhanced Toxicity of Cigarillos Compared to Cigarettes. *Toxicol Sci*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33021639>

Abdelwahab, SH, Reidel, B, Martin, JR, Ghosh, A, Keating, JE, Haridass, P et al. (2020). Cigarillos Compromise the Mucosal Barrier and Protein Expression in Airway Epithelia. *Am J Respir Cell Mol Biol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32877614>

Smyth, EM, Chattopadhyay, S, Babik, K, Reid, M, Chopyk, J, Malayil, L et al. (2019). The Bacterial Communities of Little Cigars and Cigarillos Are Dynamic Over Time and Varying Storage Conditions. *Front Microbiol*, 10, 2371. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31708882>

Rostron, BL, Corey, CG, & Gindi, RM. (2019). Cigar smoking prevalence and morbidity among US adults, 2000-2015. *Prev Med Rep*, 14, 100821. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30815336>

Christensen, CH, Rostron, B, Cosgrove, C, Altekruse, SF, Hartman, AM, Gibson, JT, Apelberg, B, Inoue-Choi, M, Freedman, ND. Association of Cigarette, Cigar, and Pipe Use With Mortality Risk in the US Population. *JAMA Intern Med*. 2018 Apr 1;178(4):469-476. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29459935>

Reilly, SM, Goel, R, Bitzer, Z, Elias, RJ, Foulds, J, Muscat, J, Richie, JP. Little Cigars, Filtered Cigars, and their Carbonyl Delivery Relative to Cigarettes. *Nicotine Tob Res*. 2018 Aug 14;20(suppl\_1):S99-S106. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30125018>

Ghosh, A, Nethery, RC, Herring, AH, Tarran, R. Flavored little cigar smoke induces cytotoxicity and apoptosis in airway epithelia. *Cell Death Discov*. 2017 Apr 24;3:17019. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28496992>

Rosenberry, ZR, Pickworth, WB, Koszowski, B. Large cigars: smoking topography and toxicant exposure. *Nicotine Tob Res*, 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27798089>

Lappas, AS, Konstantinidi, EM, Tzortzi, AS, Tzavara, CK, Behrakis, PK. Immediate effects of cigar smoking on respiratory mechanics and exhaled biomarkers; differences between young smokers with mild asthma and otherwise healthy young smokers. *Tob Induc Dis*. 2016 Aug 18;14:29. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27547175>

Pickworth, WB, Rosenberry, ZR, Koszowski, B. Toxicant exposure from smoking a little cigar: further support for product regulation. *Tob Control*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27122063>

Koszowski, B et al. Nicotine and carbon monoxide exposure from inhalation of cigarillo smoke. *Pharmacol Biochem Behav*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26459155>

Hamdan, AL et al. Laryngeal findings and acoustic changes in light cigar smokers. *Ear, Nose, & Throat journal*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26053981>

Chang, CM et al. Systematic review of cigar smoking and all cause and smoking related mortality. *BMC Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25907101>

Eisenberg L, Cunningham TV, and Hester DM. Closure but no cigar. *Am J Bioeth*, 2015; 15(1):44-6. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25562227>

Nonnemaker, J, Rostron, B, Hall, P, MacMonegle, A, Apelberg, B. Mortality and economic costs from regular cigar use in the United States, 2010. *American Journal of Public Health*, 2014. 104(9), e86-91. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25033140>

Chen J, Kettermann A, Rostron BL, and Day HR. Biomarkers of Exposure among U.S. Cigar Smokers: An Analysis of 1999-2012 National Health and Nutrition Examination Survey (NHANES) Data. *Cancer Epidemiol Biomarkers Prev*, 2014; 23(12):2906-15. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25380733>

Ferris, Roger. Cigars can be as deadly as cigarettes, FDA study says. *CNBC*, 2015. Apr 24, 2015. Available from: <http://www.cnbc.com/id/102611144>

No authors listed. Cigars expose smokers to harmful, cancer-causing agents. American Association for Cancer Research, 2014. Nov 7, 2014. Available from: [http://www.aacr.org/Newsroom/Pages/News-Release-Detail.aspx?ItemID=619&utm\\_source=social&utm\\_medium=twitter&utm\\_content=cebp&utm\\_campaign=newsrelease#.VllfSnuFmu9](http://www.aacr.org/Newsroom/Pages/News-Release-Detail.aspx?ItemID=619&utm_source=social&utm_medium=twitter&utm_content=cebp&utm_campaign=newsrelease#.VllfSnuFmu9)

#### 3.27.4 Pipe smoking

**Eckhardt, CM, Balte, P, Morris, JE, Bhatt, SP, Couper, D, Fetterman, J et al. (2024). Non-cigarette tobacco products, aryl-hydrocarbon receptor repressor gene methylation and smoking-related health outcomes. *Thorax*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39033027>**

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>

Aghila Rani, KG, Soares, NC, Rahman, B, Al-Hroub, HM, Semreen, MH, & Al Kawas, S. (2023). Effects of medwakh smoking on salivary metabolomics and its association with altered oral redox homeostasis among youth. *Sci Rep*, 13(1), 1870. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36725974>

Mahassni, SH, & Alajlany, KA. (2020). Water Pipe Smoking Affects Young Females and Males Differently with Some Effects on Immune System Cells, but None for C-reactive Protein, Thyroid Hormones, and Vitamin D. *J Pharm Bioallied Sci*, 12(1), 31-41. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32801598>

#### 3.27.5 Waterpipe smoking

**Bazmi, E, Behnoush, AH, Talebian, MT, Afrooghe, A, & Sahraian, MA. (2024). Waterpipe tobacco smoking and multiple sclerosis: a systematic review and meta-analysis. *Neuroepidemiology*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/39053438>**

- Le, NT, Phan, CV, Pham, YT, Le, PH, Dao, HV, Nguyen, LC et al. (2024). Waterpipe Tobacco Smoking and Risk of Cancer Mortality. *JAMA Oncol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38990578>
- Bagherpour-Kalo, M, Jones, ME, Darabi, P, & Hosseini, M. (2024). Water pipe smoking and stroke: A systematic review and meta-analysis. *Brain Behav*, 14(1), e3357. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38376055>
- Hamadi, N, Al-Salam, S, Beegam, S, Zaaba, NE, Elzaki, O, & Nemmar, A. (2024). Impact of prolonged exposure to occasional and regular waterpipe smoke on cardiac injury, oxidative stress and mitochondrial dysfunction in male mice. *Front Physiol*, 15, 1286366. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38370014>
- Yadav, S. (2024). Decoding Waterpipe Tobacco Smoking: A Comprehensive Narrative Review Exploring Mechanics, Health Risks, Regulatory Challenges, and Public Health Imperatives. *Cureus*, 16(1), e52168. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38344526>
- Ahmed, IA, Mohammed, MA, Hassan, HM, & Ali, IA. (2024). Relationship between tobacco smoking and hematological indices among Sudanese smokers. *J Health Popul Nutr*, 43(1), 5. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38178235>
- Bener, A, Erdogan, A, & Griffiths, MD. (2024). The Impact of Cigarette Smoking, Water-Pipe Use on Hearing Loss/Hearing Impairment: A Cross-Sectional Study. *Asian Pac J Cancer Prev*, 25(1), 109-114. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38285774>
- Beegam, S, Al-Salam, S, Zaaba, NE, Elzaki, O, Ali, BH, & Nemmar, A. (2024). Effects of Waterpipe Smoke Exposure on Experimentally Induced Chronic Kidney Disease in Mice. *Int J Mol Sci*, 25(1). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38203756>
- Qananwah, Q, Khader, A Al-Hashem, M, Mumani, A, & Dagamseh, A. (2024). Investigating the impact of smoking habits through photoplethysmography analysis. *Physiol Meas*, 45(1). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38176078>
- Mohsen, G, Kemmerer, M, & Eichhorn, L. (2023). Carbon monoxide intoxication with a CO-Hb of 30% while smoking waterpipe: a case report. *Int J Emerg Med*, 16(1), 83. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37936075>
- Mortazavi, SH, Moghadasi, AN, Almasi-Hashiani, A, Sahraian, MA, Goudarzi, H, & Eskandarieh, S. (2023). Waterpipe and cigarette smoking and drug and alcohol consumption, and the risk of primary progressive multiple sclerosis: A population-based case-control study. *Curr J Neurol*, 22(2), 72-81. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38011368>
- Senaratne, NLM, Chong, CW, Yong, LS, Yoke, LF, & Gopinath, D. (2023). Impact of waterpipe smoking on the salivary microbiome. *Front Oral Health*, 4, 1275717. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/38024144>
- Greenfield, E, Alves, MS, Rodrigues, F, Nogueira, JO, da Silva, LF, de Jesus, HP et al. (2023). Preliminary Findings on the Salivary Metabolome of Hookah and Cigarette Smokers. *ACS Omega*, 8(40), 36845-36855. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37841134>



- Le, PH, Van Phan, C, Truong, DTT, Ho, NM, Shuyna, I, & Le, NT. (2023). Waterpipe tobacco smoking and risk of all-cause mortality: a prospective cohort study. *Int J Epidemiol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37843876>
- Kargar, S, & Ansari-Moghaddam, A. (2023). Prevalence of cigarette and waterpipe smoking and associated cancer incidence among adults in the Middle East. *East Mediterr Health J*, 29(9), 749-756. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37776137>
- Karimi Jaberi, M, Shahabi, N, Mohseni, S, Karimi Jaberi, Z, Abbaszadeh, S, Zarei, F, & Dadipoor, S. (2023). Smoking waterpipe, cigarette, and heart disease: a cross-sectional analysis of baseline data from the Kong Cohort Study in the South of Iran. *J Ethn Subst Abuse*, 1-14. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37682695>
- Nemmar, A, Beegam, S, Yuvaraju, P, Zaaba, NE, Elzaki, O, Yasin, J, & Adeghate, E. (2023). Pathophysiologic effects of waterpipe (shisha) smoke inhalation on liver morphology and function in mice. *Life Sci*, 122058. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37659593>
- Rezk-Hanna, M, Adolfo, A, Warda, US, Brecht, ML, & Benowitz, NL. (2023). Association of non-daily hookah tobacco smoking and cardiovascular disease-related exposure biomarkers among U.S. users: The Population Assessment of Tobacco and Health Study. *Prev Med Rep*, 36, 102417. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37753385>
- Rafati, S, Dadipoor, S, Eshaghi Sani Kakhaki, H, & Shahabi, N. (2023). Oral health and smoking in Bandare-Kong cohort study: a cross-sectional population-based study (findings from PERSIAN cohort study). *J Ethn Subst Abuse*, 1-16. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37688416>
- Al-Kalbani, S, & Kavanagh, PM. (2023). Hookah smoking - an overlooked aspect of tobacco control. *Ir Med J*, 116(5), 774. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37555525>
- Kedia, S, Ahuja, N, Hammal, F, Asfar, T, Eissenberg, T, Maziak, W, & Ward, KD. (2022). "Waterpipe Is Like a Wife": Qualitative Assessment of Perspectives on Waterpipe Smoking Dependence. *Addict Health*, 14(4), 268-278. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37559789>
- Nguyen, TG, Kieu, HD, Truong, DTT, Ngo, KX, Ikeda, S, & Le, NT. (2023). Exclusive waterpipe smoking and the risk of nasopharynx cancer in Vietnamese men, a prospective cohort study. *Sci Rep*, 13(1), 13237. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37580413>
- Sabet, S, Mirmohammadi, SJ, Zare Sakhvidi, MJ, Vakili, M, Mehrparvar, AH, & Mirzaei, M. (2023). Spirometric Parameters in Waterpipe Smokers, Cigarette Smokers, and Non-smokers of Shahedieh Cohort Study. *Addict Health*, 15(1), 17-22. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37560079>
- 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>
- Ali, D, Al-Yahya, QM, & Baskaradoss, JK. (2023). Peri-Implant Inflammation in Waterpipe Users and Cigarette Smokers: An Observational Study. *Int Dent J*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37037698>

Feliciano, JR, Li, D, & Xie, Z. (2023). Public Perceptions of Flavored Waterpipe Smoking on Twitter. *Int J Environ Res Public Health*, 20(7). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37047880>

Bahir, D, Nakhoul, N, Farhan, A, Sabbah, F, Yeganeh, S, & Jabaly-Habib, H. (2023). Central retinal vein occlusion in a young patient following hookah smoking. *J Fr Ophtalmol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/37085360>

Abdul, NS, Alrukban, NK, Alajmi, AM, Bindawood, 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>

Chami, HA, Houjeij, N, Makki, M, Itani, L, Tamim, H, Al Mulla, A et al. (2023). Increased airway resistance among exclusive waterpipe smokers detected using impulse oscillometry. *Ann Thorac Med*, 18(1), 23-30. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36968332>

Mahmoud, E, Eliwa, A, Elsalakawi, Y, Al-Emadi, A, Mahmood, F, Al-Qahtani, N et al. (2023). Assessing the risk of cardiovascular diseases in relation to shisha smoking among adults in Qatar: An analytical cross-sectional study. *Tob Induc Dis*, 21, 21 Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36777291>

Laqqan, MM, & Yassin, MM. (2023). Effect of hubble-bubble smoking on global DNA methylation and transcription levels of protamine and histone genes in human spermatozoa. *J Environ Sci Health A Tox Hazard Subst Environ Eng*, 1-8. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36744325>

Zheng, Z, Xie, Z, & Li, D. (2022). Discussion of waterpipe tobacco smoking on reddit. *Heliyon*, 8(9), e10635. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36177232>

Ghaderi, A, Khoshakhlagh, AH, Irani, M, Ghaseminezhad, A, Gautam, P, Mirzaei, N et al. (2022). Examining of Heavy Metal Concentrations in Hookah Smokers. *Biol Trace Elem Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/36138261>

Nemati, S, Naji, P, Abdi, S, Lotfi, F, Saeedi, E, Mehravar, S A et al. (2022). National and regional fraction of cancer incidence and death attributable to current tobacco and water-pipe smoking in the Eastern Mediterranean countries in 2020. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35895382>

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>

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>

Ghobadi, H, Rostami, R, Saranjam, B, Aslani, MR, Fazlzadeh, M, & Ghaffari, HR. (2022). Urinary concentrations of BTEX in waterpipe smokers and nonsmokers: Investigating the influence of

conventional activities and multiple factors. *Ecotoxicol Environ Saf*, 241, 113717. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35679732>

Patil, S, Mahuli, AV, & Warnakulasuriya, S. (2022). Effects of smoking shisha, cancer risk, and strategies for prevention of shisha habit. *J Oral Biol Craniofac Res*, 12(4), 439-443. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35679732>

Zaarour, RF, Sharda, M, Azakir, B, Hassan Venkatesh, G, Abou Khouzam, R, Rifath, A et al. (2022). Genomic Analysis of Waterpipe Smoke-Induced Lung Tumor Autophagy and Plasticity. *Int J Mol Sci*, 23(12). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35743294>

Nguyen, CL, Sengngam, K, Hoc, TH, Le, PH, Hang, LTM, Dao, HV, & Tran Ngoan, L. (2022). Waterpipe Tobacco Smoking and Risk of Stomach Cancer: A Case-Control Study in Vietnamese Men. *Asian Pac J Cancer Prev*, 23(5), 1587-1593. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35633542>

Rogers, I, Memon, A, & Paudyal, P. (2022). Association between Smokeless Tobacco Use and Waterpipe Smoking and the Risk of Lung Cancer: A Systematic Review and Meta-Analysis of Current Epidemiological Evidence. *Asian Pac J Cancer Prev*, 23(5), 1451-1463. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35633527>

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>

Hassane, M, Rahal, Z, Karaoghlanian, N, Zhang, J, Sinjab, A, Wong, JW et al. (2022). Chronic exposure to waterpipe smoke elicits immunomodulatory and carcinogenic effects in the lung. *Cancer Prev Res (Phila)*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35468191>

Jalili, S, & Naderi, NJ. (2022). Comparison of Repair Index in Cigarette and Waterpipe Smokers: A Bio-Monitoring Assessment Using Human Exfoliated Buccal Mucosa Cells. *Int J Prev Med*, 13, 27. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35392320>

Alaouie, H, Krishnamurthy Reddiar, S, Tleis, M, El Kadi, L, A Afifi, R, & Nakkash, R. (2022). Waterpipe tobacco smoking (WTS) control policies: global analysis of available legislation and equity considerations. *Tobacco Control*, 31(2), 187-197. Retrieved from <https://tobaccocontrol.bmj.com/content/tobaccocontrol/31/2/187.full.pdf>

Sirkeci, O, Sirkeci, EE, & Ulas, T. (2022). Does waterpipe smoking increase the risk of Helicobacter pylori infection? *J Res Med Sci*, 27, 7. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35342453>

Alkeilani, AA, Khalil, AA, Azzan, AM, Al-Khal, NA, Al-Nabit, NH, Talab, OM et al. (2022). Association between waterpipe smoking and obesity: Population-based study in Qatar. *Tob Induc Dis*, 20, 06. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35125989>

Sydorova, N, Sydorova, L, & Bychkova, S. (2022). Clinical Case of Gaisbock Syndrome Caused by Hookah and Tobacco Smoking: "Zebra" or "Horse"? *Wiad Lek*, 75(1 pt 2), 324-326. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/35182143>

Anaqrah, H, & McCabe, DJ. (2021). Severe chronic Carboxyhemoglobinemia and polycythemia due to smoking hookah. *Am J Emerg Med*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34974952>

Alkhawajah, NM, Aljarallah, S, Hussain-Alkhateeb, L, Almohaini, MO, & Muayqil, TA. (2021). Waterpipe Tobacco Smoking and Other Multiple Sclerosis Environmental Risk Factors. *Neuroepidemiology*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34872078>

Alves, MGO, Carvalho, B, Marques, SS, Lopes, MA, & Almeida, JD. (2021). Waterpipe tobacco smoking and oral health: what is important to know? *Addiction*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34873767>

Moodley, T, Mannaru, KT, Hugo, A, Lines, JA, Van der Merwe, JM, Ramparsad, N, & Holland, NS. (2021). Secondary polycythaemia with elevated carbon monoxide levels due to hookah pipe smoking: A public health concern. *S Afr Med J*, 111(10), 938-941. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34949285>

Soltani, D, Heshmat, R, Vasheghani-Farahani, A, Fahimfar, N, Masoudkabar, F, Ashraf, H et al. (2021). The Association between Waterpipe Smoking and Metabolic Syndrome: A Cross-Sectional Study of the Bushehr Elderly Health Program. *Biomed Environ Sci*, 34(11), 910-915. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34955152>

El-Shahawy, O, Labib, K, Stevens, E, Kahn, LG, Anwar, W, Oncken, C et al. (2021). Exclusive and Dual Cigarette and Hookah Smoking Is Associated with Adverse Perinatal Outcomes among Pregnant Women in Cairo, Egypt. *Int J Environ Res Public Health*, 18(24). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34948585>

Aragon, A, Velasco, MJ, Gavilan, AM, Fernandez-Garcia, A, & Sanz, JC. (2021). Mumps virus outbreak related to a water pipe (narghile) shared smoking. *Enferm Infecc Microbiol Clin (Engl Ed)*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34531159>

Alavi, SS, Joukar, S, Rostamzadeh, F, Najafipour, H, Darvishzadeh-Mahani, F, & Mortezaeizade, A. (2021). Involvement of Sirtuins and Klotho in Cardioprotective Effects of Exercise Training Against Waterpipe Tobacco Smoking-Induced Heart Dysfunction. *Front Physiol*, 12, 680005. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34354599>

Alenzi, MJ. (2021). Synergetic effect of hookah smoking on varicocele-associated male reproductive impairment in the Saudi community in Al Jouf region, Saudi Arabia. *Urol Ann*, 13(3), 205-209. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34421252>

Rababa'h, AM, Mardini, AN, Ababneh, MA., & Alzoubi, K. H. (2021). Waterpipe tobacco smoke and health: What we have learned from rodent models? *Life Sci*, 284, 119898. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34453942>

Bakkar, MM, Haddad, MF, & Khabour, OF. (2021). The effects of tobacco waterpipe smoking on the ocular surface. *Clin Exp Optom*, 1-7. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34369302>

Bonadio, W. (2021). A teenaged patient with spontaneous pneumopericardium after hookah smoking. *Clin Toxicol (Phila)*, 1-2. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34232084>

Chami, HA, Isma'eel, H, Mitchel, GF, Tamim, H, Makki, M, Berbari, A, & Al Mulla, A. (2021). The association of waterpipe smoking with arterial stiffness and wave reflection in a community-based sample. *Blood Press*, 1-10. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34236258>

Rezk-Hanna, M, Gupta, R, Nettle, CO, Dobrin, D, Cheng, CW, Means, A et al. (2021). Differential Effects of Electronic Hookah Vaping and Traditional Combustible Hookah Smoking on Oxidation, Inflammation and Arterial Stiffness. *Chest*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34298007>

Saad, HB. (2021). Comments on "Cardiovascular effects of waterpipe smoking: a systematic review and meta-analysis". *Rev Cardiovasc Med*, 22(2), 267-268. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34258893>

Bao, X, Asgari, A, Najafi, ML, Mokammel, A, Ahmadi, M, Akbari, S, & Miri, M. (2021). Exposure to waterpipe smoke and blood heavy metal concentrations. *Environ Res*, 200, 111460. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34089744>

Almutairi, M, Almutairi, B, Almutairi, M, Parine, NR, Alrefaei, A, Alanazi, M, & Semlali, A. (2021). Human beta-defensin-1 rs2738047 polymorphism is associated with shisha smoking risk among Saudi population. *Environmental Science and Pollution Research International*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33826097>

Abdollahpour, I, Nedjat, S, Almasi-Hashiani, A, Nazemipour, M, Mansournia, MA, & Luque-Fernandez, MA. (2021). Estimating the Marginal Causal Effect and Potential Impact of Waterpipe Smoking on Multiple Sclerosis Using Targeted Maximum Likelihood Estimation Method: a Large Population-Based Incident Case-Control Study. *Am J Epidemiol*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33576427>

Hadzic, S, Gojkov-Vukelic, M, Pasic, E, Jahic, IM, Muharemovic, A, & Huseinbegovic-Cengic, A. (2020). The Effects of Smoking "The Hookah" on the Oral Health of Fourth, Fifth and Sixth-year Students of the Faculty of Dentistry in Sarajevo. *Mater Sociomed*, 32(3), 212-217. Retrieved from

Jebai, R, Ebrahimi Kalan, M, Vargas-Rivera, M, Osibogun, O, Li, W, Gautam, P et al (2021). Markers of oxidative stress and toxicant exposure among young waterpipe smokers in the USA. *Environ Sci Pollut Res Int*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33491143>

Al Ali, R, Vukadinovic, D, Maziak, W, Katmeh, L, Schwarz, V, Mahfoud, F et al (2020). Cardiovascular effects of waterpipe smoking: a systematic review and meta-analysis. *Rev Cardiovasc Med*, 21(3), 453-468. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33070549>

Aragon, A, Velasco, MJ, Gavilan, AM, Fernandez-Garcia, A, & Sanz, JC. (2020). Mumps virus outbreak related to a water pipe (narghile) shared smoking. *Enferm Infecc Microbiol Clin*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33059946>

Sinclair, RG, Somsamouth, K, Sahar, D, Englert, R, & Singh, P. (2020). Microbial contamination in the communal-use Lao tobacco waterpipe. *Int Health*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33049758>

Lopez-Ozuna, VM, Gupta, I, Kiow, RLC, Matanes, E, Kheraldine, H, Yasmeen, A et al. (2020). Water-Pipe Smoking Exposure Deregulates a Set of Genes Associated with Human Head and Neck Cancer Development and Prognosis. *Toxics*, 8(3). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32961854>

Mortaz, E, Alipoor, SD, Movassaghi, M, Varahram, M, Ghorbani, J, Folkerts, G et al. (2020). Correction to: Water-pipe smoke condensate increases the internalization of Mycobacterium Bovis of type II alveolar epithelial cells (A549). *BMC Pulm Med*, 20(1), 250. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32962698>

Tabrizi, R, Borhani-Haghighi, A, Lankarani, KB, Heydari, ST, Bayat, M, Vakili, S et al. (2020). Hookah Smoking: A Potentially Risk Factor for First-Ever Ischemic Stroke. *J Stroke Cerebrovasc Dis*, 29(10), 105138. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32912523>

Inyang, NA, Chang, JT, & Wang, B. (2020). National Estimates of hospital emergency department visits due to acute injuries associated with hookah smoking, United States, 2011-2019. *Inj Epidemiol*, 7(1), 41. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32772919>

Nakhaee, MR, Zolfaghari, MR, Joukar, S, Nakhaee, N, Masoumi-Ardakani, Y, Iranpour, M, & Nazari, M. (2020). Swimming Exercise Training Attenuates the Lung Inflammatory Response and Injury Induced by Exposing to Waterpipe Tobacco Smoke. *Addict Health*, 12(2), 109-117. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32782733>

Taati, B, Arazi, H, & Suzuki, K. (2020). Oxidative Stress and Inflammation Induced by Waterpipe Tobacco Smoking Despite Possible Protective Effects of Exercise Training: A Review of the Literature. *Antioxidants (Basel)*, 9(9). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32825755>

Albeitawi, S, Hamadneh, J, Al-Shatanawi, TN, Al Mehaisen, L, & Al-Zubi, M. (2020). Effect of hookah (water pipe) smoking on semen parameters. *Andrologia*, e13723. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32609391>

Erythropel, HC Garcia Torres, DS, Woodrow, JG, de Winter, TM, Falinski, MM, Anastas, P. T et al (2020). Quantification of flavorants and nicotine in waterpipe tobacco and mainstream smoke and comparison to e-cigarette aerosol. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32598451>

Nazzal, Z, Odeh, D Haddad, FA, Berawi, M, Rahhal, B, & Yamin, H. (2020). Effects of Waterpipe Tobacco Smoking on the Spirometric Profile of University Students in Palestine: A Cross-Sectional Study. *Can Respir J*, 2020, 5949834. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32676133>

Raaijmakers, NJ, Bokma, AHF, Eggen, GG, Prins, G, & Alisma, J. (2020). An unhealthy blush - secondary erythrocytosis due to waterpipe smoking. *Neth J Med*, 78(4), 202-205. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32641546>

Al-Sawalha, NA, Almahmmod, Y, Awawdeh, MS, Alzoubi, KH, & Khabour, OF. (2020). Effect of waterpipe tobacco smoke exposure on the development of metabolic syndrome in adult male rats. *PLoS One*, 15(6), e0234516. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32559253>

Munzel, T, Hahad, O, Kuntic, M, Keaney, JF, Deanfield, JE, & Daiber, A. (2020). Effects of tobacco cigarettes, e-cigarettes, and waterpipe smoking on endothelial function and clinical outcomes. *Eur Heart J*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32585699>

Adib, A, Masoompour, SM, Molavi Vardanjani, H, Gondomkar, A, Poustchi, H, Salehi, A et al. (2020). Smoking Water-Pipe, Opium Use and Prevalence of Heart Disease: A Cross-sectional Analysis of Baseline Data from the Pars Cohort Study, Southern Iran. *Arch Iran Med*, 23(5), 289-295. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32383612>

Alomari, MA, Khabour, OF, Alzoubi, KH, & Eissenberg, T. (2020). Puffing topography and physiological responses in men and women with low versus high waterpipe dependence during smoking: The WiHi Irbid project. *Drug Alcohol Depend*, 212, 108037. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32417361>

Dadipoor, S, Kok, G, Aghamolaei, T, Heyrani, A, Ghaffari, M, & Ghanbarnezhad, A. (2019). Factors associated with hookah smoking among women: A systematic review. *Tobacco Prevention & Cessation*, 5, 26. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32411889>

Jafari, AJ Asl, Y A, & Momeniha, F. (2020). Determination of metals and BTEX in different components of waterpipe: charcoal, tobacco, smoke and water. *J Environ Health Sci Eng*, 18(1), 243-251. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32399236>

Wagener, TL, Leavens, ELS, Mehta, T, Hale, J, Shihadeh, A, Eissenberg, T et al (2020). Impact of flavors and humectants on waterpipe tobacco smoking topography, subjective effects, toxicant exposure and intentions for continued use. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32404518>

Chaaban, T. (2020). Acute eosinophilic pneumonia associated with non-cigarette smoking products: a systematic review. *Adv Respir Med*, 88(2), 142-146. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32383466>

Assari, S, Chalian, H, & Bazargan, M. (2020). Social Determinants of Hookah Smoking in the United States. *J Ment Health Clin Psychol*, 4(1), 21-27. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32285045>

Crape, BL, Yakhiyayeva, T, Kadyrzhanuly, K, Gusmanov, A, & Sadykova, D. (2020). Hookah venue employees' knowledge and perceptions of hookah tobacco smoking. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32300027>

Nguyen, V, Salama, M, Fernandez, D, Sperling, JD, Regina, A, Rivera, R et al(2020). Comparison between carbon monoxide poisoning from hookah smoking versus other sources. *Clin Toxicol (Phila)*, 1-6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32253946>

Rajabi-Moghaddam, M, Haji Mirzamohammad, M, Yahyazadeh, E, Gholinia, H, & Abbaszadeh, H. (2020). Comparison of Genotoxic Effect in Buccal Exfoliated Cells between Cigarette and Waterpipe Smokers. *Acta Cytol*, 1-6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32316006>

Rezk-Hanna, M, Nelson, MD, Rader, F, Benowitz, NL, Rosenberry, R, Chang, LC et al (2020). Peripheral Blood Flow Changes to Cutaneous and Muscular Beds in Response to Acute Hookah Smoking. *Am J Cardiol*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32278465>

DehghanNezhad, M, Jalayer Naderi, N, & Semyari, H. (2020). Micronucleus Assay of Buccal Mucosa Cells in Waterpipe (Hookah) Smokers: A Cytologic Study. *Iran J Pathol*, 15(2), 75-80. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32215022>

Aljadani, RH, Algabbani, AM, Alamir, JA, Alqahtani, AS, & BinDhim, NF. (2020). Waterpipe Tobacco Chemical Content, Microbial Contamination, and Genotoxic Effects: A Systematic Review. *Int J Toxicol*, 1091581820905108. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32054347>

Badran, M, & Laher, I. (2020). Waterpipe (shisha, hookah) smoking, oxidative stress and hidden disease potential. *Redox Biol*, 101455. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32086009>

Jawad, M, Dogar, O, Kanaan, M, Ahluwalia, J, & Siddiqi, K. (2020). Factors associated with dual use of waterpipe tobacco and cigarettes among adults in Pakistan. *East Mediterr Health J*, 26(1), 47-54. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32043545>

Marchetti, AU, Boss, OL, Schenker, CM, & Kalin, K. (2020). Water-pipe Smoking as a Risk Factor for Transmitting Mycobacterium tuberculosis. *Eur J Case Rep Intern Med*, 7(1), 001342. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32015968>

Al-Amri, A, Ghalilah, K, Al-Harbi, A, Al-Dubai, SAR, Al-Ghamdi, S, & Al-Zalabani, A. (2019). Waterpipe smoking and the risk of myocardial infarction: A hospital-based case-control study. *Tob Induc Dis*, 17, 87. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31889949>

Alarabi, A. B., Karim, Z. A., Ramirez, J. E. M., Hernandez, K. R., Lozano, P. A., Rivera, J. O., . . . Khasawneh, F. T. (2020). Short-Term Exposure to Waterpipe/Hookah Smoke Triggers a Hyperactive Platelet Activation State and Increases the Risk of Thrombogenesis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, 40(2), 335-349. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31941383>

AlQahtany, F. S., Alqahtani, F. H., Alshebly, M. M., Madkhaly, F. M., Ghandour, M. K., Almalki, J. H., . . . Mendoza, F. C. (2020). Association between cigarette & shisha smoking and the severity of polycythemia: A cross sectional study. *Saudi J Biol Sci*, 27(1), 460-464. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31889871>

Ebrahimi Kalan, M., Rahman, A., Gautam, P., & Ben Taleb, Z. (2020). Hookah home delivery: an emerging public health issue. *Tobacco Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31919226>

El Hourani, M., Salman, R., Talih, S., Saliba, N. A., & Shihadeh, A. (2020). Does the Bubbler Scrub Key Toxicants from Waterpipe Tobacco Smoke?: Measurements and Modeling of CO, NO, PAH, Nicotine, and Particulate Matter Uptake. *Chemical Research in Toxicology*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31997649>

Ben Taleb, Z, Vargas, M, Ebrahimi Kalan, M, Breland, A, Eissenberg, T, Brown, D, & Maziak, W. (2019). The effect of flavoured and non-flavoured tobacco on subjective experience, topography and toxicant exposure among waterpipe smokers. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31767788>

Maziak, W, & Sharma, E. (2019). Building the evidence base for waterpipe regulation and policy. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31767787>



Haik, MY, Ashour, AA, Alahmad, YFM, Al-Ishaq, FA, Saad, MM, Hussein, MM et al (2019). Water-pipe smoking and serum testosterone levels in adult males in Qatar. *Tob Induc Dis*, 17, 19. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31582930>

Martins, SR, & Santos, UP. (2019). Waterpipe smoking, a form of tobacco consumption that is on the rise. *J Bras Pneumol*, 45(5), e20190315. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31618292>

Alomari, MA, Al-Sheyab, NA, & Mokdad, AH. (2019). Gender-Specific Blood Pressure and Heart Rate Differences in Adolescents Smoking Cigarettes, Waterpipes or Both. *Subst Use Misuse*, 1-8. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31556788>

Arazi, H, Taati, B, Rafati Sajedi, F, & Suzuki, K. (2019). Salivary Antioxidants Status Following Progressive Aerobic Exercise: What Are the Differences between Waterpipe Smokers and Non-Smokers? *Antioxidants (Basel)*, 8(10). Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31546982>

Brinkman, MC Teferra, AA, Kassem, NO, & Kassem, NO. (2019). Effect of electric heating and ice added to the bowl on mainstream waterpipe semivolatile furan and other toxicant yields. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31542776>

Hauser, CD, Mailig, R, Stadtler, H, Reed, J, Chen, S, Uffman, E, & Bernd, K. (2019). Waterpipe tobacco smoke toxicity: the impact of waterpipe size. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31492721>

Maziak, W, Osibogun, O, & Asfar, T. (2019). Waterpipe smoking: the pressing need for risk communication. *Expert Rev Respir Med*, 1-11. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31519113>

Mishina, EV, & Reissig, CJ. (2019). Does lower brain-derived neurotrophic factor in adolescent waterpipe smokers suggest a negative effect on the developing brain? *Int J Dev Neurosci*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31520667>

Qasim, H, Alarabi, AB, Alzoubi, KH, Karim, ZA, Alshbool, FZ, & Khasawneh, FT. (2019). The effects of hookah/waterpipe smoking on general health and the cardiovascular system. *Environ Health Prev Med*, 24(1), 58. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31521105>

Sutfin, EL, McKelvey, K, Soule, E, Glasser, A, Kim, H, Wiseman, KD, & Grana, R. (2019). Measuring waterpipe tobacco smoking in survey research. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31484801>

Verweij, BGF, Rood, PPM, Schuit, SCE, & Bouwhuis, MG. (2019). Waterpipe smoking: not as innocent as it may seem. *Neth J Med*, 77(4), 156-159. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31502549>

Eddingsaas, NC, Hensel, EC, O'Dea, S, Kunselman, P, DiFrancesco, AG, & Robinson, RJ. (2019). Effect of user puffing topography on total particulate matter, nicotine and volatile carbonyl emissions from narghile waterpipes. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31405893>

Alagaili, AN, Briese, T, Amor, NMS, Mohammed, OB, & Lipkin, WI. (2019). Waterpipe smoking as a public health risk: Potential risk for transmission of MERS-CoV. *Saudi J Biol Sci*, 26(5), 938-941. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31303822>

Kassem, NO, Kassem, NO, Liles, S, Reilly, E, Kas-Petrus, F, Posis, AIB, & Hovell, MF. (2019). Waterpipe device cleaning practices and disposal of waste associated with waterpipe tobacco smoking in homes in the USA. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31326957>

Maziak, W, Ben Taleb, Z, Ebrahimi Kalan, M, Ward-Peterson, M, Bursac, Z, Osibogun, O, & Eissenberg, T. (2019). Effect of flavour manipulation on low and high-frequency waterpipe users' puff topography, toxicant exposures and subjective experiences. *Tob Control*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31326956>

Nakhaee, MR, Joukar, S, Zolfaghari, MR, Rostamzadeh, F, Masoumi-Ardakani, Y, Iranpour, M, & Nazari, M. (2019). Effects of Endurance Exercise Training on Cardiac Dysfunction Induced by Waterpipe Tobacco Smoking. *Addict Health*, 11(2), 100-109. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31321007>

Baalbaki, R, Itani, L, El Kebbi, L, Dehni, R, Abbas, N, Farsakouri, R et al. (2019). Association Between Smoking Hookahs (Shishas) and Higher Risk of Obesity: A Systematic Review of Population-Based Studies. *J Cardiovasc Dev Dis*, 6(2). Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31208138>

Bernd, K, DeGroot, D, Stadtler, H, Coats, S, Carmack, D, Mailig, R et al. (2019). Contributions of charcoal, tobacco, and syrup to the toxicity and particle distribution of waterpipe tobacco smoke. *Toxicol Lett*, 313, 60-65. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31226396>

Javorniczky, NR, Waller, CF, Pahl, HL, von Bubnoff, N, & Becker, H. (2019). Water pipe smoking as a cause of secondary erythrocytosis. *Oxf Med Case Reports*, 2019(5), omz027. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31198564>

Maalem, R, Alali, A, & Alqahtani, S. (2019). Tobacco hookah smoking-induced carbon monoxide poisoning: A case report of non-ambient exposure. *Clin Case Rep*, 7(6), 1178-1180. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31183089>

Muzammil, Al Asmari, DS, Al Rethaiaa, AS, Al Mutairi, AS, Al Rashidi, TH, Al Rasheedi, HA, & Al Rasheedi, SA. (2019). Prevalence and Perception of Shisha Smoking among University Students: A Cross-sectional Study. *J Int Soc Prev Community Dent*, 9(3), 275-281. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31198701>

Toukan, Y, Hakim, F, Bentur, Y, Aharon-Peretz, J, Elemy, A, Gur, M et al (2019). The effect of a 30-minute water-pipe smoking session on cognitive measures and cardio-pulmonary parameters. *Nicotine Tob Res*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31246259>

Alaska, YA. (2019). Spontaneous Pneumomediastinum Secondary to Hookah Smoking. *Am J Case Rep*, 20, 651-654. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31056536>

Azagba, S, Latham, K, & Shan, L. (2019). Waterpipe tobacco smoking trends among middle and high school students in the United States from 2011 to 2017. *Drug Alcohol Depend*, 200, 19-25. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31071495>

Eissenberg, T. (2019). Now is the Time for Effective Regulation Regarding Tobacco Smoking Using a Waterpipe (Hookah). *J Adolesc Health*, 64(6), 685-686. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31122500>

El Hourani, M, Talih, S, Salman, R, Karaoghlanian, N, Karam, E, El Hage, R et al. (2019). Comparison of CO, PAH, Nicotine, and Aldehyde Emissions in Waterpipe Tobacco Smoke Generated Using Electrical and Charcoal Heating Methods. *Chem Res Toxicol*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31038931>

Prasad, P, Hamed, MS, & Nahar, P. (2019). Micronucleus Assay in Waterpipe Tobacco and Cigarette Smokers: A Comparative Study. *J Contemp Dent Pract*, 20(1), 101-107. Available from <https://www.ncbi.nlm.nih.gov/pubmed/31058621>

Khemiss, M, Ben Fekih, D, Ben Khelifa, M, & Ben Saad, H. (2019). Comparison of Periodontal Status Between Male Exclusive Narghile Smokers and Male Exclusive Cigarette Smokers. *Am J Mens Health*, 13(2), 1557988319839872. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30902035>

Hasni, Y, Bachrouh, S, Mahjoub, M, Maaroufi, A, Rouatbi, S, & Ben Saad, H. (2019). Biochemical Data and Metabolic Profiles of Male Exclusive Narghile Smokers (ENSs) Compared With Apparently Healthy Nonsmokers (AHNSs). *Am J Mens Health*, 13(1), 1557988319825754. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30819065>

Al-Sawalha, N, Alzoubi, K, Khabour, O, Alyacoub, W, & Almahmood, Y. (2019). Effect of waterpipe tobacco smoke exposure during lactation on learning and memory of offspring rats: Role of oxidative stress. *Life Sci*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/31009626>

El-Hajj, M, Salameh, P, Rachidi, S, Al-Hajje, A, & Hosseini, H. (2019). Cigarette and Waterpipe Smoking are Associated with the Risk of Stroke in Lebanon. *J Epidemiol Glob Health*, 9(1), 62-70. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30932392>

Sudano, I, & Barthelmes, J. (2018). Is waterpipe-smoking bad for your heart? *Eur Heart J*, 39(33), 3016-3017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30990871>

Rezk-Hanna, M, Mosenifar, Z, Benowitz, NL, Rader, F, Rashid, M, Davoren, K et al. High Carbon Monoxide Levels from Charcoal Combustion Mask Acute Endothelial Dysfunction Induced by Hookah (Waterpipe) Smoking in Young Adults. *Circulation*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30764644>

Singh, N, Jawad, M, Darzi, A, Lotfi, T, Nakkash, R, Hawkins, B, & Akl, EA. Features of the waterpipe tobacco industry: A qualitative study of the third International Hookah Fair. *F1000Res*, 2018. 7, 247. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30728948>

Chami, HA, Isma'eel, H, Tamim, H, Adawi, M, Al Kuwari, M, & Al Mullah, A. The Association of Waterpipe Smoking and Coronary Artery Calcium in a Community-Based Sample. *Chest*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30684475>

Hallit, S, Hallit, R, Haddad, C, Youssef, L, Zoghbi, M, Costantine, R et al. Previous, current, and cumulative dose effect of waterpipe smoking on LDL and total cholesterol. *Environ Sci Pollut Res Int*. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30694434>

- Patil, S, Awan, KH, Arakeri, G, Aljabab, A, Ferrari, M, Gomes, CC et al. The relationship of "shisha" (water pipe) smoking to the risk of head and neck cancer. *J Oral Pathol Med*, 2019. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30604900>
- Yadav, S, & Rawal, G. Waterpipe Tobacco Smoking: A Mini-review. *J Transl Int Med*, 2018. 6(4), 173-175. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30637203>
- Kassem, NOF, Jackson, SR, Kassem, NO, Liles, S, Posis, AIB, & Hovell, MF. College Student Beliefs and Behavior Regarding Sharing When Smoking Hookahs. *Am J Health Behav*, 2019; 43(1), 133-144. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30522572>
- Kalan, ME, & Ben Taleb, Z. Waterpipe tobacco smoking: A reality or hidden iceberg for Iranian women. *Health Promot Perspect*, 2018. 8(4), 252-254. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6249491/pdf/hpp-8-252.pdf>
- Karakayali, O, Utku, U, & Yilmaz, S. Evaluation of Cerebral Blood Flow Alterations and Acute Neuronal Damage due to the Water Pipe Smoking. *Balkan Med J*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30396875>
- Mohammad, AB, Mohammad, SHK, Mohammad, MK, Khan, AS, & Al-Hajjaj, MS. Quantification of Trace Elements in Different Dokha and Shisha Tobacco Products using EDXRF. *J Anal Toxicol*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30462216>
- Rice, VH, Templin, TN, Harden, JK, Jenuwine, ES, Abdulhamid, I, & Hammad, A. Health Effects Reported by Adolescent Water Pipe and/or Cigarette Smokers Compared to Nonsmokers. *J Adolesc Health*, 2018. Available from: [https://www.jahonline.org/article/S1054-139X\(18\)30411-7/fulltext](https://www.jahonline.org/article/S1054-139X(18)30411-7/fulltext)
- Sadek, KW, Haik, MY, Ashour, AA, Baloch, T, Aboukassim, T, Yasmeeen, A et al. Water-pipe smoking promotes epithelial-mesenchymal transition and invasion of human breast cancer cells via ERK1/ERK2 pathways. *Cancer Cell Int*, 2018. 18, 180. Available from: [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6234648/pdf/12935\\_2018\\_Article\\_678.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6234648/pdf/12935_2018_Article_678.pdf)
- Salloum, RG, Nakkash, R, Abu-Rmeileh, NME, Hamadeh, RR, Darawad, MW, Kheirallah, KA et al. Individual-level determinants of waterpipe smoking demand in four Eastern-Mediterranean countries. *Health Promot Int*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30412234>
- Alomari, MA, Al-Sheyab, NA, Khabour, OF, & Alzoubi, KH. Serum VEGF Level Is Different in Adolescents Smoking Waterpipe versus Cigarettes: The Irbid TRY. *Biomolecules*, 2018. 8(4). Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30274185>
- Alqahtani, MM, Goodfellow, LT, Zimmerman, RD, & Zavorsky, GS. Waterpipe Smoking in Health-Care Students: Prevalence, Knowledge, Attitudes, and Motives. *Respir Care*, 2018. Available from: <http://rc.rcjournal.com/content/early/2018/10/16/respcare.06263.short>
- Choe, EH, Sutherland, L, Hills, C, & Sood, JD. Shisha smoking as a possible cause of bilateral granulomatous lung lesions. *Respirol Case Rep*, 2018. 6(9), e00374. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30338071>
- Korashy, HM, Alsaad, AM, Al-Arifi, MN, Maayah, ZH, Attafi, IM, Alanazi, FE et al. Genotoxic Impact of Long-term Cigarette and Waterpipe Smoking on DNA Damage and Oxidative Stress in Healthy

Subjects. *Toxicol Mech Methods*, 2018. 1-34. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30273082>

Muddathir, ARM, Abd Alla, MI, & Khabour, OF. Waterpipe Smoking Is Associated with Changes in Fibrinogen, FVII, and FVIII Levels. *Acta Haematol*, 2018. 140(3), 159-165. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30261515>

Silveira, ML, Hilmi, NN, & Conway, KP. Reasons for Young Adult Waterpipe Use in Wave 1 (2013-2014) of the Population Assessment of Tobacco and Health Study. *Am J Prev Med*, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30219210>

Khabour, OF, Alzoubi, KH, Al-Sheyab, NA, Azab, MA, Massadeh, AM, Alomary, AA, & Eissenberg, TE. Plasma and saliva levels of three metals in waterpipe smokers: a case control study. *Inhal Toxicol*, 2018. 1-5. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30257114>

Amer, HW, Waguih, HM, El-Rouby, DH. Development of Field Cancerization in the Clinically Normal Oral Mucosa of Shisha Smokers. *Int J Dent Hyg*, Aug 2018. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30113759>

Kumari, B, Aslam, SK, Zaheer, S, Adil, SO, Shafique, K. Systemic Inflammatory Markers Among Waterpipe Smokers, Cigarette Smokers, and Nonsmokers. *J Addict Med*, Aug 2018. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30063545>

Kassem, NOF, Kassem, NO, Liles, S, Jackson, SR, Chatfield, DA, Jacob, P, Benowitz, NL, Hovell, MF. Urinary NNAL in hookah smokers and non-smokers after attending a hookah social event in a hookah lounge or a private home. *Regul Toxicol Pharmacol*. 2017 Jul 14;89:74-82. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/28716579>

Soule, EK, Ramoa, C, Eissenberg, T, Cobb, CO. Differences in puff topography, toxicant exposure, and subjective response between waterpipe tobacco smoking men and women. *Exp Clin Psychopharmacol*. 2018 Aug 13. pii: 2018-39518-001. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30102062>

Ben Taleb, Z, Breland, A, Bahelah, R, Ebrahimi Kalan, M, Vargas-Rivera, M, Jaber, R, Eissenberg, T, Maziak, W. Flavored Versus Non-Flavored Waterpipe Tobacco: A Comparison of Toxicant Exposure, Puff Topography, Subjective Experiences and Harm Perceptions. *Nicotine Tob Res*, Jul 2018. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29982728>

Ortiz, K, Cuevas, AG, Salloum, R, Lopez, N, LaVeist-Ramos, T. Intra-Ethnic Racial Differences in Waterpipe Tobacco Smoking among Latinos? *Subst Use Misuse*, Jul 2018. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30028218>

Rezk-Hanna, M, Doering, L, Robbins, W, Sarna, L, Elashoff, RM, Victor, RG. Acute Effect of Hookah Smoking on Arterial Stiffness and Wave Reflections in Adults Aged 18 to 34 Years of Age. *Am J Cardiol*. 2018 Jun 5. pii: S0002-9149(18)31206-2. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30057235>

Zaid, K, Azar-Maalouf, E, Barakat, C, Chantiri, M. p53 Overexpression in Oral Mucosa in Relation to Shisha Smoking in Syria and Lebanon. *Asian Pac J Cancer Prev*. 2018 Jul 27;19(7):1879-1882. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/30049200>

BinShabaib, MS, Mehmood, A, Akram, Z, and SS, LHarthi, A. Peri-implant clinical and radiographic status and whole salivary cotinine levels among cigarette and waterpipe smokers and never-smokers. *J Oral Sci.* 2018;60(2):247-252. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29925709>

Lipkus, IM, Mays, D. Comparing harm beliefs and risk perceptions among young adult waterpipe tobacco smokers and nonsmokers: Implications for cessation and prevention. *Addict Behav Rep.* 2018 Mar 17;7:103-110. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29892704>

Silveira, MAD, Antonelli, AS, Fiorelli, BO, D'Arce L, PG. Cytological multimarker screening using BM cyt test in waterpipe smokers: an integrative study of cell damage, toxicological and cancer risk. *J Genet.* 2018 Jun;97(2):399-404. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29932059>

Jawad, M, Eissenberg, T, Salman, R, Soule, E, Alzoubi, KH, Khabour, OF, Karaoghlanian, N, Baalbaki, R, El Hage, R, Saliba, NA, Shihadeh, A. Toxicant inhalation among singleton waterpipe tobacco users in natural settings. *Tob Control.* 2018 May 28. pii: tobaccocontrol-2017-054230. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29807946>

Kassem, NOF, Kassem, NO, Liles, S, Jackson, SR, Posis, AIB, Chatfield, DA, Hovell, MF. Levels of Urine Cotinine from Hookah Smoking and Exposure to Hookah Tobacco Secondhand Smoke in Hookah Lounges and Homes. *Int J High Risk Behav Addict.* 2018 Mar;7(1). Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29805963>

Mahboub, B, Mohammad, AB, Nahle, A, Vats, M, Al Assaf, O, Al-Zarooni, H. Analytical Determination of Nicotine and Tar Levels in Various Dokha and Shisha Tobacco Products. *J Anal Toxicol.* 2018 May 10. pii: 4994604. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29750269>

Primack, BA, Shensa, A, Sidani, JE, Tulikangas, MC, Roberts, MS, Colditz, JB, Mor, MK, James, AE, Fine, MJ. Comparison of toxicant load from waterpipe and cigarette tobacco smoking among young adults in the USA. *Tob Control.* 2018 May 16. pii: tobaccocontrol-2017-054226. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29773707>

Saffar Soflaei, S, Darroudi, S, Tayefi, M, Nosrati Tirkani, A, Moohebbati, M, Ebrahimi, M, Esmaily, H, Parizadeh, SMR, Heidari-Bakavoli, AR, Ferns, GA, Ghayour-Mobarhan, M. Hookah smoking is strongly associated with diabetes mellitus, metabolic syndrome and obesity: a population-based study. *Diabetol Metab Syndr.* 2018 Apr 19;10:33. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29713386>

Sidani, JE, Shensa, A, Yabes, J, Fertman, C, Primack, BA. Waterpipe tobacco use in college and non-college young adults in the USA. *Fam Pract.* 2018 May 8. pii: 4993868. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/29741621>

Soulakova, JN, Pham, T, Owens, VL, Crockett, LJ. Prevalence and factors associated with use of hookah tobacco among young adults in the U.S. *Addict Behav.* 2018 May 12;85:21-25. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29803099>

Rezk-Hanna, M, Benowitz, NL. Cardiovascular Effects of Hookah Smoking: Potential Implications for Cardiovascular Risk. *Nicotine Tob Res*, Apr 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29660041>

Scott-Sheldon, LAJ, Stroud, LR. Preferences and Perceptions of Flavored Hookah Tobacco among US Women. *Am J Health Behav*. 2018 May 1;42(3):37-46. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29663979>

Akram, Z, Al-Kheraif, AA, Kellesarian, SV, Vohra, F, Javed, F. Comparison of oral *Candida* carriage in waterpipe smokers, cigarette smokers, and non-smokers. *J Oral Sci*. 2018;60(1):115-120. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29576571>

Al-Mufti, SMT, Saliem, SS, Abdulbaqi, HR. The association between receptor activator of nuclear factor kappa-beta ligand and clinical attachment level among waterpipe smoker. *J Indian Soc Periodontol*. 2017 Sep-Oct;21(5):376-379. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29491583>

Raj, AT, Patil, S, Sarode, S, Sarode, G. Oral Health Hazards of Water Pipe Smoking: Current Evidence. *J Contemp Dent Pract*. 2017 Jul 1;18(7):539-540. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28713104>

Alomari, MA, Al-Sheyab, NA, Khabour, OF, Alzoubi, KH. Brain-derived neutrophilic factor in adolescents smoking waterpipe: The Irbid TRY. *Int J Dev Neurosci*. 2018 Mar 16;67:14-18. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29555563>

Al-Sowygh, ZH, Aldamkh, MK, Binmahfooz, AM, Al-Aali, KA, Akram, Z, Qutub, OA, Javed, F, Abduljabbar, T. Assessment of matrix metalloproteinase-8 and -9 levels in the peri-implant sulcular fluid among waterpipe (narghile) smokers and never-smokers with peri-implantitis. *Inhal Toxicol*. 2018 Feb;30(2):72-77. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29564945>

Al-Sowygh, ZH, Al-Kheraif, AA, Akram, Z, Vohra, F, Javed, F. Peri-implant soft tissue inflammatory parameters and crestal bone loss among waterpipe (Narghile) smokers and never-smokers with and without type 2 diabetes mellitus. *J Periodontol*, 2018. Mar 8, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29520801>

Nematollahi, S, Mansournia, M, Rahimi-Foroushani, A, Mahmoodi, M, Alavi, A, Shekari, M, Holakouie-Naieni, K. The effects of water pipe smoking on birthweight: A population-based prospective cohort study in the south of Iran. *Epidemiol Health*. 2018. Mar 13, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29529859>

Shuja, S, Hussain, A, Malik, S, Rizwan, T, Amin, M, Choudhry, Z. Perceptions Of Health Professional Students Regarding Waterpipe Smoking And Its Effects On Oral Health. *J Ayub Med Coll Abbottabad*. 2018 Jan-Mar;30(1):90-93. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29504339>

Colditz, JB, Chu, KH, Switzer, GE, Pelechrisis, K, Primack, BA. Online data to contextualize waterpipe tobacco smoking establishments surrounding large US universities. *Health Informatics J*. 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29402174>

Jawad, M, Charide, R, Waziry, R, Darzi, A, Ballout, RA, Akl, EA. The prevalence and trends of waterpipe tobacco smoking: A systematic review. PLoS One. 2018 Feb 9;13(2):e0192191. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29425207>

Shakhatreh, MAK, Khabour, OF, Alzoubi, KH, Masadeh, MM, Hussein, EI, Bshara, GN. Alterations in oral microbial flora induced by waterpipe tobacco smoking. Int J Gen Med. 2018 Feb 2;11:47-54. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29440924>

Mahoozi, S, Heidari, M, Shahbazi, S, Naseh, L. Influence of Training about Carcinogenic Effects of Hookah Smoking on the Awareness, Attitude, and Performance of Women. Asian Pac J Cancer Prev. 2017 Jul 27;18(7):1967-1971. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28749630>

Danaei, M, Jabbarinejad-Kermani, A, Mohebbi, E, Momeni, M. Waterpipe Tobacco Smoking Prevalence and Associated Factors in the Southeast of Iran. Addict Health. 2017 Apr;9(2):72-80. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29299209>

Krenik-Matejcek, TM, Monson, AL, Cooper, BR. Hookah Smoking: Assessing College Students' Behaviors, Attitudes, and Knowledge. J Dent Hyg. 2017 Dec;91(6):33-40. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29378804>

Naderi, NJ, Pasha, MP. Comparison of Cytotoxic Effect of Cigarette and Waterpipe Smoking on Human Buccal Mucosa. Int J Prev Med. 2017 Dec 5;8:98. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29291040>

Scherr, A, Schmidlin, J, Albisser, S, Tamm, M, Stolz, D. Airway reactivity to mannitol is similarly increased in chronic cigarette and water pipe smokers. Int J Chron Obstruct Pulmon Dis. 2018 Jan 3;13:157-163. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29379280>

Shahbazi Sighaldehy, S, Baheiraei, A, Ebadi, A, Khaki, I, Kelishadi, R, Majdzadeh, R. Development and psychometric properties of the Hookah Smoking Initiation for Women Questionnaire (HIWQ). Health Promot Int, 2018. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29340695>

Golbidi, S, Li, H, Laher, I. Oxidative stress: a unifying mechanism for cell damage induced by noise, (water-pipe) smoking and emotional stress. Therapeutic strategies targeting redox imbalance. Antioxid Redox Signal, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29212347>

Jawad, M, Darzi, A, Lotfi, T, Nakkash, R, Hawkins, B, Akl, EA. Waterpipe product packaging and labelling at the 3rd international Hookah Fair; does it comply with Article 11 of the Framework Convention on Tobacco Control? J Public Health Policy, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28630401>

Maziak, W, Ben Taleb, Z, Jawad, M, Afifi, R, Nakkash, R, Akl, EA et al. Consensus statement on assessment of waterpipe smoking in epidemiological studies. Tobacco Control, 2017. 26(3), 338-343. Available from: <http://tobaccocontrol.bmj.com/content/tobaccocontrol/26/3/338.full.pdf>

Etemadi, A, Gandomkar, A, Freedman, ND, Moghadami, M, Fattahi, MR, Poustchi, H et al. The association between waterpipe smoking and gastroesophageal reflux disease. Int J Epidemiol, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29025018>



- Meo, SA, Bashir, S, Almubarak, Z, Alsubaie, Y, Almutawa, H. Shisha smoking: impact on cognitive functions impairments in healthy adults. *Eur Rev Med Pharmacol Sci*. 2017 Nov;21(22):5217-5222. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29228437>
- Hallit, S, Zoghbi, M, Hallit, R, Youssef, L, Costantine, R, Kheir, N, Salameh, P. Effect of exclusive cigarette smoking and in combination with waterpipe smoking on lipoproteins. *J Epidemiol Glob Health*. 2017 Dec;7(4):269-275. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29110868>
- Retzky, SS, Spiller, HA, Callahan-Lyon, P. Calls to Poison Centers for hookah smoking exposures. *Clin Toxicol (Phila)*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29129117>
- Yalcin, FK, Er, M, Hasanoglu, HC, Kilic, H, Senturk, A, Karalezli, A, Ergin, M, Erel, O. Deteriorations of pulmonary function, elevated carbon monoxide levels and increased oxidative stress amongst waterpipe smokers. *Int J Occup Med Environ Health*. 2017 Jul 14;30(5):731-742. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29093578>
- Etemadi, A, Gandomkar, A, Freedman, ND, Moghadami, M, Fattahi, MR, Poustchi, H, Islami, F, Boffetta, P, Dawsey, SM, Abnet, CC, Malekzadeh, R. The association between waterpipe smoking and gastroesophageal reflux disease. *Int J Epidemiol*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29025018>
- Leavens, ELS, Brett, EI, Morgan, TL, Lopez, SV, Shaikh, RA, Leffingwell, TR, Wagener, TL. Descriptive and injunctive norms of waterpipe smoking among college students. *Addict Behav*. 2017 Sep 18;77:59-62. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28963891>
- Javed, F, SS, A LHarthi, BinShabaib, MS, Gajendra, S, Romanos, GE, Rahman, I. Toxicological impact of waterpipe smoking and flavorings in the oral cavity and respiratory system. *Inhal Toxicol*. 2017 Aug;29(9):389-396. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29039225>
- Platt, DE, Hariri, E, Salameh, P, Helou, M, Sabbah, N, Merhi, M, Chammas, E, Ammar, W, Abchee, AB, Zalloua, PA. Association of waterpipe smoking with myocardial infarction and determinants of metabolic syndrome among catheterized patients. *Inhal Toxicol*. 2017 Oct 24:1-6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29064301>
- Mahoozi, S, Heidari, M, Shahbazi, S, Naseh, L. Influence of Training about Carcinogenic Effects of Hookah Smoking on the Awareness, Attitude, and Performance of Women. *Asian Pac J Cancer Prev*. 2017 Jul 27;18(7):1967-1971. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28749630>
- Saad, HB. COPD in exclusive narghile smokers: Some points to verify. *Chron Respir Dis*. 2017 Nov;14(4):420-421. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29081266>
- Eichhorn, L, Michaelis, D, Kemmerer, M, Juttner, B, Tetzlaff, K. Carbon monoxide poisoning from waterpipe smoking: a retrospective cohort study. *Clin Toxicol (Phila)*. 2017 Sep 14:1-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28906147>
- Mehboudi, MB, Nabipour, I, Vahdat, K, Darabi, H, Raeisi, A, Mehrdad, N, Heshmat, R, Shafiee, G, Larijani, B, Ostovar, A. Inverse association between cigarette and water pipe smoking and hypertension in an elderly population in Iran: Bushehr elderly health programme. *J Hum Hypertens*, 2017. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28880257>

Rayens, MK, Ickes, MJ, Butler, KM, Wiggins, AT, Anderson, DG, Hahn, EJ. University students' perceived risk of and intention to use waterpipe tobacco. *Health Educ Res.* 2017 Aug 1;32(4):306-317. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28854575>

Salloum, RG, Abu-Rmeileh, N, Hamadeh, R, Thomas, J, Mostafa, A, Yusufali, A, Kheirallah, KA, Macaouda, MM, Theis, RP, El Kadi, L, Johnson, EJ, Darawad, MW, Nakkash, R. Policy-Relevant Context of Waterpipe Tobacco Smoking among University Students in Six Countries Across the Eastern Mediterranean Region: A Qualitative Study. *Asian Pac J Cancer Prev.* 2017 Sep 27;18(9):2533-2540. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/28952296>

Al-Humaidi, SF, Dar-Odeh, NS, Alnazzawi, A, Kutkut, A, Hudieb, M, Abu-Hammad, O. Volatile sulphur compounds in exhaled air of dental students smoking the waterpipe; a nested case control study. *Minerva Stomatol.* 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28497662>

Ali, M, Jawad, M. Health Effects of Waterpipe Tobacco Use: Getting the Public Health Message Just Right. *Tob Use Insights.* 2017 Apr 11;10:1179173X17696055. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28579844>

Al-Sawalha, N, Alzoubi, K, Khabour, O, Alyacoub, W, Almahmmod, Y, Eissenberg, T. Effect of prenatal exposure to waterpipe tobacco smoke on learning and memory of adult offspring rats. *Nicotine Tob Res.* 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28637174>

Al-Sawalha, N, Alzoubi, K, Khabour, O, Alyacoub, W, Almahmmod, Y, Eissenberg, T. Effect of prenatal exposure to waterpipe tobacco smoke on learning and memory of adult offspring rats. *Nicotine Tob Res.* 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28637174>

Ashour, AA, Haik, MY, Sadek, KW, Yalcin, HC, Bitharas, J, Aboukassim, T, Batist, G, Yasmeen, A, Al Moustafa, AE. Substantial toxic effect of water-pipe smoking on the early stage of embryonic development. *Nicotine Tob Res.* 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28605482>

Etemadi, A, Khademi, H, Kamangar, F, Freedman, ND, Abnet, CC, Brennan, P, Malekzadeh, R. Hazards of cigarettes, smokeless tobacco and waterpipe in a Middle Eastern Population: a Cohort Study of 50 000 individuals from Iran. *Tobacco Control.* 2017. 26(6), 674-682. Available from: <http://tobaccocontrol.bmj.com/content/tobaccocontrol/26/6/674.full.pdf>

Bahtouee, M, Maleki, N, Nekouee, F. The prevalence of chronic obstructive pulmonary disease in hookah smokers. *Chron Respir Dis.* 2017 Jan 1:1479972317709652. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28534421>

Jawad, M, Darzi, A, Lotfi, T, Nakkash, R, Hawkins, B, Akl, EA. Waterpipe product packaging and labelling at the 3rd international Hookah Fair; does it comply with Article 11 of the Framework Convention on Tobacco Control? *J Public Health Policy.* 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28630401>

Javed, F, SS, AL, BinShabaib, MS, Gajendra, S, Romanos, G E, Rahman, I. Toxicological impact of waterpipe smoking and flavorings in the oral cavity and respiratory system. *Inhal Toxicol.* 2017. 29(9), 389-396. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/29039225>

Moon, KA, Rule, AM, Magid, HS, Ferguson, J, Susan, J, Sun, Z, Torrey, C, Abubaker, S, Levshin, V, Carkoglu, A, Radwan, GN, El-Rabbat, M, Cohen, JE, Strickland, P, Breysse, PN, Navas-Acien, A. Biomarkers of Secondhand Smoke Exposure in Waterpipe Tobacco Venue Employees in Istanbul, Moscow, and Cairo. *Nicotine Tob Res*, 2017. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/28582531>

Retzky, SS. Carbon Monoxide Poisoning from Hookah Smoking: An Emerging Public Health Problem. *J Med Toxicol*. 2017 Jun;13(2):193-194. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/28484988>

Singh, SK, Enzhong, L, Reidpath, DD, Allotey, P. Shisha (waterpipe) smoking initiation among youth in Malaysia and global perspective: a scoping review (2006-2015). *Public Health*. 2017 Mar;144:78-85. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/28274388>

Walters, MS, Salit, J, Ju, JH, Staudt, MR, Kaner, RJ, Rogalski, AM, Sodeinde, TB, Rahim, R, Strulovici-Barel, Y, Mezey, JG, Almulla, AM, Sattar, H, Mahmoud, M, Crystal, RG. Waterpipe smoking induces epigenetic changes in the small airway epithelium. *PLoS One*. 2017 Mar 8;12(3):e0171112. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/28273093>

Ben Saad, H. The effects of habitual narghile tobacco smoking on cardiopulmonary capacity: Two points to highlight. *Respir Med*. 2017 Jan 30. pii: S0954-6111(17)30017-3. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/28162968>

Hawari, FI. The effect of habitual waterpipe tobacco smoking on pulmonary function and exercise capacity in young healthy males: A pilot study. *Respir Med*, 2017. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/28237402>

Derici Eker, E, Koyuncu, H, Sahin, NO, Yuksel, A, Berkoz, M, Budak Diler, S, Altan Akgul, S. Determination of genotoxic effects of hookah smoking by micronucleus and chromosome aberration methods. *Med Sci Monit*. 2016 Nov 21;22:4490-4494. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27869111>

Etemadi, A, Khademi, H, Kamangar, F, Freedman, ND, Abnet, CC, Brennan, P, Malekzadeh, R, Golestan Cohort Study, Team. Hazards of cigarettes, smokeless tobacco and waterpipe in a Middle Eastern Population: a Cohort Study of 50 000 individuals from Iran. *Tob Control*, Nov 2016. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27872345>

Lipkus, IM, Mays, D, and K, Tercyak, P. Characterizing young adults' susceptibility to waterpipe tobacco use and their reactions to messages about product harms and addictiveness. *Nicotine Tob Res*, Nov 2016. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27799355>

Kim, H, Brinkman, MC, Sharma, E, Gordon, SM, Clark, PI. Variability in Puff Topography and Exhaled CO in Waterpipe Tobacco Smoking. *Tob Regul Sci*. 2016 Oct;2(4):301-308. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/28670606>

Lopez, AA, Eissenberg, T, Jaafar, M, Afifi, R. Now is the time to advocate for interventions designed specifically to prevent and control waterpipe tobacco smoking. *Addict Behav*. 2016 Nov 11;66:41-47. Available from:

<https://www.ncbi.nlm.nih.gov/pubmed/27871044>

Momenabadi, V, Hossein Kaveh M, Hashemi, SY, Borhaninejad, VR. Factors affecting hookah smoking trend in the society: a review article. *Addict Health*. 2016 Apr;8(2):123-135. Available from: [:https://www.ncbi.nlm.nih.gov/pubmed/27882210](https://www.ncbi.nlm.nih.gov/pubmed/27882210)

Almedawar, MM, Walsh, JL, Isma'eel, HA. Waterpipe smoking and risk of coronary artery disease. *Curr Opin Cardiol*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27428005>

Abdollahpour, I, Nedjat, S, Sahraian, MA, Mansournia, MA, Otahal, P, van der Mei, I. Waterpipe smoking associated with multiple sclerosis: A population-based incident case-control study. *Mult Scler*, 2016. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27834737>

Lai, HT, Koriyama, C, Tokudome, S, Tran, HH, Tran, LT, Nandakumar, A, Akiba, S, Le, NT. Waterpipe tobacco smoking and gastric cancer risk among Vietnamese men. *PLoS One*. 2016 Nov 1;11(11):e0165587. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27802311>

Salloum, RG, Thrasher, JF, Getz, KR, Barnett, TE, Asfar, T, Maziak, W. Patterns of waterpipe tobacco smoking among U.S. young adults, 2013-2014. *Am J Prev Med*. 2016 Nov 24. pii: S0749-3797(16)30540-2. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/27890515>

Barnett, TE, Lorenzo, FE, Soule, EK. Hookah smoking outcome expectations among young adults. *Subst Use Misuse*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27668728>

Gupta, P, Jain, A. Assessment of prevalence, beliefs, and habits of hookah smoking among people with a medical background compared to people with a non-medical background: a cross-sectional self-administered questionnaire-based study. *Cureus*. 2016 Aug 15;8(8):e735. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27660734>

Jiang, N, Ho, SY, Wang, MP, Leung, LT, Lam, TH. The relationship of waterpipe use with cigarette smoking susceptibility and nicotine dependence: A cross-sectional study among Hong Kong adolescents. *Addict Behav*. 2016 Aug 31;64:123-128. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27608324>

Salvi, S. The perils of waterpipe or hookah smoking: time for action. *Am J Respir Crit Care Med*. 2016 Sep 1;194(5):532-4. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27585378>

Yildirim, F, Cevik, Y, Emektar, E, Corbacioglu, SK, Katirci, Y. Evaluating ECG and carboxyhemoglobin changes due to smoking narghile. *Inhal Toxicol*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27618930>

Brikmanis, K, Doran, N. Hookah tobacco use and stressful life events in a sample of young non-daily cigarette smokers. *Addict Behav*. 2016 Aug 5;64:1-5. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27518219>

Grant, A O'Mahoney, H. Portrayal of waterpipe (shisha, hookah, nargile) smoking on Twitter: a qualitative exploration. *Public Health*. 2016 Aug 9. pii: S0033-3506(16)30165-2. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27520707>

Mamtani, R, Cheema, S, Sheikh, J, Al Mulla, A, Lowenfels, A, Maisonneuve, P. Cancer risk in waterpipe smokers: a meta-analysis. *Int J Public Health*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27421466>

Veen, M. Carbon monoxide poisoning caused by water pipe smoking: a case series. *J Emerg Med*. 2016 Jul 5. pii: S0736-4679(16)30176-7. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27397765>

Wong, LP, Alias, H, Aghamohammadi, N, Aghazadeh, S, Hoe, VC. Shisha smoking practices, use reasons, attitudes, health effects and intentions to quit among shisha smokers in Malaysia. *Int J Environ Res Public Health*. 2016 Jul 19;13(7). Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27447655>

Gunen, H, Tarraf, H, Nemati, A, Al Ghobain, M, Al Mutairi, S, Aoun Bacha, Z. Waterpipe tobacco smoking. *Tuberk Toraks*. 2016 Mar;64(1):94-96. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27266294>

Jawad, M, Roderick, P. Integrating the impact of cigarette and waterpipe tobacco use among adolescents in the Eastern Mediterranean Region: a cross-sectional, population-level model of toxicant exposure. *Tob Control*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27354679>

Kim, KH, Kabir, E, Jahan, SA. Waterpipe tobacco smoking and its human health impacts. *J Hazard Mater*. 2016 May 25;317:229-236. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27285594>

Maziak, W, Ben Taleb, Z, Jawad, M, Afifi, R, Nakkash, R, Akl, EA, Ward, KD, Salloum, RG et al. Consensus statement on assessment of waterpipe smoking in epidemiological studies. *Tob Control*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27165995>

Montazeri, Z, Nyiraneza, C, El-Katerji, H, Little, J. Waterpipe smoking and cancer: systematic review and meta-analysis. *Tob Control*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27165994>

Azar, RR, Frangieh, AH, Mroue, J, Bassila, L, Kasty, M, Hage, G, Kadri, Z. Acute effects of waterpipe smoking on blood pressure and heart rate: a real-life trial. *Inhal Toxicol*, 2016 Jul;28(8):339-42. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27109645>

Bahelah, R, DiFranza, JR, Fouad, FM, Ward, KD, Eissenberg, T, Maziak, W. Early symptoms of nicotine dependence among adolescent waterpipe smokers. *Tob Control*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27113610>

Nelson, MD, Rezk-Hanna, M, Rader, F, Mason, OR, Tang, X, Shidban, S, Rosenberry, R, Benowitz, NL, Tashkin, DP, Elashoff, RM, Lindner, JR, Victor, RG. Acute effect of hookah smoking on the human coronary microcirculation. *Am J Cardiol*. 2016 Mar 18. pii: S0002-9149(16)30353-8. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27067622>

Waziry, R, Jawad, M, Ballout, RA, Al Akel, M, Akl, EA. The effects of waterpipe tobacco smoking on health outcomes: an updated systematic review and meta-analysis. *Int J Epidemiol*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27075769>

Castaneda, G, Barnett, TE, Soule, EK, Young, ME. Hookah smoking behavior initiation in the context of Millennials. *Public Health*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27003670>

Sidani, JE, Shensa, A, Shiffman, S, Switzer, GE, Primack, BA. Public health implications of waterpipe tobacco use in the United States warrant initial steps towards assessing dependence. *Addiction*, 2016 ;111(5):937-8. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26987303>

Strulovici-Barel, Y, Shaykhiev, R, Salit, J, Deeb, RS, Krause, A, Kaner, R J, Vincent, TL, Agosto-Perez, F, Wang, G et al. Pulmonary abnormalities in young, light-use waterpipe (hookah) smokers. *Am J Respir Crit Care Med*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27007171>

Jawad, M, Power, G. Prevalence, correlates and patterns of waterpipe smoking among secondary school students in southeast London: a cross-sectional study. *BMC Public Health*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26830194>

Jiang, N et al. Waterpipe smoking among secondary school students in Hong Kong. *Int J Public Health*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26873908>

Jones, BD, Cunningham-Williams, RM. Hookah and cigarette smoking among African American college students: implications for campus risk reduction and health promotion efforts. *J Am Coll Health*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26829515>

Kheirallah, KA et al. Waterpipe tobacco smoking among Arab youth; a cross-country study. *Ethn Dis*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26843803>

Kim, KH, Kabir, E, Jahan, SA. Waterpipe tobacco smoking and its human health impacts. *J Hazard Mater*, 2016. 317, 229-236. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27285594>

Primack, BA, Carroll, MV, Weiss, PM, Shihadeh, AL, Shensa, A, Farley, ST et al. Systematic Review and Meta-Analysis of Inhaled Toxicants from Waterpipe and Cigarette Smoking. *Public Health Rep*, 2016. 131(1), 76-85. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26843673>

Ryan, L. Just ONE hookah pipe 'exposes the smoker to 100 times more tar and 4 times as much nicotine as one cigarette'. *Dail Mail*, 2016. Available from: <http://www.dailymail.co.uk/health/article-3526714/Just-ONE-hookah-pipe-exposes-smoker-100-times-tar-4-times-nicotine-one-cigarette.html>

Myers, K et al. Dependence measures based on hookah smokers' experiences and context are needed. *Addiction*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26841019>

Primack, BA et al. Systematic review and meta-analysis of inhaled toxicants from waterpipe and cigarette smoking. *Public Health Rep*, Jan-Feb 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26843673>

Salloum, RG et al. Waterpipe tobacco smoking and susceptibility to cigarette smoking among young adults in the United States, 2012-2013. *Prev Chronic Dis*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26890407>

Colditz, JB et al. Toward effective water pipe tobacco control policy in the United States: synthesis of Federal, State, and Local policy texts. *Am J Health Promot*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26730559>

Gurung, G et al. Effects of shisha smoking on carbon monoxide and PM concentrations in the indoor and outdoor microenvironment of shisha premises. *Sci Total Environ*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26803732>

Zhou, S et al. Secondhand hookah smoke: an occupational hazard for hookah bar employees. *Tob Control*, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26811352>

Nosratzahi, T et al. Comparison of cotinine salivary levels in hookah smokers, passive smokers, and non-smokers. *Addict Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26885355>

Soule, EK et al. Waterpipe tobacco smoking: A new smoking epidemic among the young? *Curr Pulmonol Rep*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26756025>

Erdol, C et al. Waterpipe tobacco smoking in Turkey: policy implications and trends from the Global Adult Tobacco Survey (GATS). *Int J Environ Res Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26670238>

Alomari, MA, Khabour, OF, Alzoubi, KH, Shqair, DM, Stoner, L. Acute vascular effects of waterpipe smoking: Importance of physical activity and fitness status. *Atherosclerosis*, 2015. 240(2), 472-476. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25909821>

Haddad, L, El-Shahawy, O, Ghadban, R, Barnett, TE, Johnson, E. Waterpipe Smoking and Regulation in the United States: A Comprehensive Review of the Literature. *Int J Environ Res Public Health*, 2015. 12(6), 6115-6135. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26110330>

Hammal, F, Chappell, A, Wild, TC, Kindzierski, W, Shihadeh, A, Vanderhoek, A et al. 'Herbal' but potentially hazardous: an analysis of the constituents and smoke emissions of tobacco-free waterpipe products and the air quality in the cafés where they are served. *Tobacco Control*, 2015. 24(3), 290-297. Available from: <http://tobaccocontrol.bmj.com/content/24/3/290.abstract>

Ramoa, CP et al. Group waterpipe tobacco smoking increases smoke toxicant concentration. *Nicotine Tob Res*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26659913>

Husain, H et al. Is smoking shisha safer than cigarettes: comparison of health effects of shisha and cigarette smoking among young adults in Kuwait. *Med Princ Pract*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26566225>

Khan, MT et al. Burden of waterpipe smoking and chewing tobacco use among women of reproductive age group using data from the 2012-13 Pakistan Demographic and Health Survey. *BMC Public Health*, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26563874>

Cammarata, N. Researchers find hookah smoking can lead to serious oral conditions. PR Newswire, 2015. Available from: <http://www.multivu.com/players/English/7451051-american-dental-association-hookah-research/>

Javed, F et al. Comparison of clinical and radiographic periodontal status among habitual waterpipe smokers and cigarette smokers. J Periodontol, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26430928>

Khabour, OF et al. Changes in the expression and protein level of matrix metalloproteinases after exposure to waterpipe tobacco smoke. Inhal Toxicol, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26484568>

Azab, M et al. Assessment of genotoxicity of waterpipe smoking using 8-OHdG biomarker. Genet Mol Res, 2015. Genet Mol Res, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26345888>

Martinasek, MP et al. Waterpipe tobacco smoking impact on public health: implications for policy. Dove Medical Press, 2015. Available from: <https://www.dovepress.com/waterpipe-tobacco-smoking-impact-on-public-health-implications-for-pol-peer-reviewed-article-RMHP>

Medford, MA et al. Research report: Charcoal type used for hookah smoking influences CO production. Undersea Hyperb Med, Jul-Aug 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26403022>

Munshi, T et al. Association between tobacco waterpipe smoking and head and neck conditions: A systematic review. J Am Dent Assoc, Oct 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26409986>

Primack, BA et al. Sustained waterpipe tobacco smoking and trends over time. Am J Prev Med, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26385163>

Gathuru, IM et al. Review of hookah tobacco smoking among college students: policy implications and research recommendations. The American Journal of Drug and Alcohol Abuse, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26057153>

Kadhun, M et al. A review of the health effects of smoking shisha. Clinical Medicine, June 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26031977>

Haddad, L et al. Waterpipe smoking and regulation in the United States: a comprehensive review of the literature. International Journal of Environmental Research and Public Health, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26110330>

Haider, MR et al. Factors associated with smoking frequency among current waterpipe smokers in the United States: Findings from the National College Health Assessment II. Drug and Alcohol Dependence, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26036602>

Jawad, M et al. Waterpipe tobacco smoking prevalence and correlates in 25 Eastern Mediterranean and Eastern European countries: cross-sectional analysis of the Global Youth Tobacco Survey. Nicotine & Tobacco Research, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25957438>



Tee, GH et al. Systematic review on international practices in controlling waterpipe tobacco smoking. Asian Pacific Journal of Cancer Prevention, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25987018>

Wang, LW et al. Severe carbon monoxide poisoning from waterpipe smoking: a public health concern. The Medical Journal of Australia, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25929510>

Al-Kazwini, AT et al. Compartmental analysis of metals in waterpipe smoking technique. BMC Public Health, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25884883>

Alomari, MA et al. Acute vascular effects of waterpipe smoking: Importance of physical activity and fitness status. Atherosclerosis, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25909821>

Ben Saad, H. Methodological problems in the article comparing lung function profiles and aerobic capacity of adult cigarette and hookah smokers after 12 weeks intermittent training. The Libyan Journal of Medicine, 2015. Available from <http://www.ncbi.nlm.nih.gov/pubmed/25906843>

Chaouachi, K . Use & misuse of water-filtered tobacco smoking pipes in the world. Consequences for public health, research & research ethics. The Open Medicinal Chemistry Journal, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25861403>

Kadhum, M, Sweidan, A, Jaffery, AE, Al-Saadi, A, Madden, B. A review of the health effects of smoking shisha. Clin Med, 2015. 15(3), 263-266. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26031977>

Jaber, R et al. Waterpipe a gateway to cigarette smoking initiation among adolescents in Irbid, Jordan: a longitudinal study. The International Journal of Tuberculosis and Lung Disease, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25860006>

Maziak, W. Rise of waterpipe smoking. BMJ, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25888390>

Kotecha, S et al. Knowledge, attitudes and beliefs towards waterpipe tobacco smoking and electronic shisha (e-shisha) among young adults in London: a qualitative analysis. Primary Health Care Research & Development, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25864374>

Sharma, G Nagpal, A. 'Hookah smoking - an age-old modern trend'. Journal of family medicine and primary care, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25811012>

Al-Bakri, A et al. Opportunistic insights into occupational health hazards associated with waterpipe tobacco smoking premises in the United Kingdom. Asian Pacific Journal of Cancer Prevention, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25684497>

El-Zaatari, ZM et al. Health effects associated with waterpipe smoking. Tobacco Control, 2015. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25661414>

Moreno, MA. Risks of hookah smoking. *JAMA Paediatrics*, 2015. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/25642904>

Wollina, U. Water pipe smoking and dermatologic consequences. *Journal of the European Academy of Dermatology and Venereology*, 2015. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/25677592>

Akhter S, Ali Warraich U, Rizvi N, Idrees N, and Zaina F. Comparison of end tidal carbon monoxide (eCO) levels in shisha (water pipe) and cigarette smokers. *Tob Induc Dis*, 2014; 12(1):10. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25206319>

Bentur, L, Hellou, E, Goldbart, A, Pillar, G, Monovich, E, Salameh, M et al. Laboratory and clinical acute effects of active and passive indoor group water-pipe (narghile) smoking. *Chest*, 2014. 145(4), 803-809. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24158379>

Kheirallah, KA, Alzyoud, S, Ward, KD. Waterpipe Use and Cognitive Susceptibility to Cigarette Smoking Among Never-Cigarette Smoking Jordanian Youth: Analysis of the 2009 Global Youth Tobacco Survey. *Nicotine Tob Res*, 2014. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/25159679>

Rivas, A. Hookah leads to smoking cigarettes in teens: Why FDA needs to move forward with regulations. *Medical Today*, 2014. Available from: <http://www.medicaldaily.com/hookah-leads-smoking-cigarettes-teens-why-fda-needs-move-forward-regulations-313602>

Bibars AR, Obeidat SR, Khader Y, Mahasneh AM, and Khabour OF. The Effect of Waterpipe Smoking on Periodontal Health. *Oral Health Prev Dent*, 2014. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/25197731>

Jawad, M, Hamilton, FL, Millett, C, Albeyatti, A, Ananthavarathan, P. Knowledge and attitudes of waterpipe tobacco smoking among GPs in England. *Br J Gen Pract*, 2014. 64(622), 222-223. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24771819>

Jar-Allah Al-Amrah H, Aboznada OA, Alam MZ, ElAssouli MZ, Mujallid MI, et al. Genotoxicity of waterpipe smoke in buccal cells and peripheral blood leukocytes as determined by comet assay. *Inhal Toxicol*, 2014:1-6. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25357232>

Leung JM and Sin DD. Smoke and mirrors: the perils of water-pipe smoking and implications for Western countries. *Chest*, 2014; 146(4):875-6. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/25287994>

Nyongesa H and Adegü J. Water pipe smoking: an emerging trend with detrimental consequences. *Pan Afr Med J*, 2014; 17:200. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25396026>

Obeidat SR, Khabour OF, Alzoubi KH, Mahasneh AM, Bibars AR, et al. Prevalence, social acceptance, and awareness of waterpipe smoking among dental university students: a cross sectional survey conducted in Jordan. *BMC Res Notes*, 2014; 7:832. Available from:

<http://www.ncbi.nlm.nih.gov/pubmed/25421621>

Aboaziza E and Eissenberg T. Waterpipe tobacco smoking: what is the evidence that it supports nicotine/tobacco dependence? *Tob Control*, 2014. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25492935>

Jawad M and Millett C. Waterpipe tobacco smoking may undermine the progress made in curbing cigarette smoking. *BMJ*, 2014; 349:g7761. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25552461>

Meo SA, AlShehri KA, AlHarbi BB, Barayyan OR, Bawazir AS, et al. Effect of shisha (waterpipe) smoking on lung functions and fractional exhaled nitric oxide (FeNO) among Saudi young adult shisha smokers. *Int J Environ Res Public Health*, 2014; 11(9):9638-48. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25233010>

Ishtiaque, I, Shafique, K, Ul-Haq, Z, Shaikh, AR, Khan, NA, Memon, AR, et al. Water-pipe smoking and albuminuria: new dog with old tricks. *PLoS ONE*, 2014. 9(1), e85652. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24465635>

Islami, F., Nasser-Moghaddam, S., Pourshams, A., Poustchi, H., Semnani, S., Kamangar, F., . . . Malekzadeh, R. (2014). Determinants of gastroesophageal reflux disease, including hookah smoking and opium use- a cross-sectional analysis of 50,000 individuals. *PLoS ONE*, 2014. 9(2), e89256. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24586635>

Jukema, J. B., Bagnasco, D. E., & Jukema, R. A. (2014). Waterpipe smoking: not necessarily less hazardous than cigarette smoking : Possible consequences for (cardiovascular) disease. *Neth Heart J*, 22(3), 91-99. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24307377>

Kassim, S, Al-Bakri, A, Al'Absi, M, Croucher, R. Waterpipe tobacco dependence in U.K. male adult residents: a cross-sectional study. *Nicotine Tob Res*, 2014. 16(3), 316-325. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24130142>

Layoun, N, Saleh, N, Barbour, B, Awada, S, Rachidi, S, Al-Hajje, A et al. Waterpipe effects on pulmonary function and cardiovascular indices: a comparison to cigarette smoking in real life situation. *Inhal Toxicol*, 2014. 26(10), 620-627. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25144476>

Shihadeh, A, Eissenberg, T, Rammah, M, Salman, R, Jaroudi, E, El-Sabban, M. Comparison of tobacco-containing and tobacco-free waterpipe products: effects on human alveolar cells. *Nicotine Tob Res*, 2014. 16(4), 496-499. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24302635>

Shishani, K, Howell, D, McPherson, S, Roll, J. Young adult waterpipe smokers: Smoking behaviors and associated subjective and physiological effects. *Addict Behav*, 2014. 39(6), 1113-1119. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24657000>

Sibai, AM, Tohme, RA, Almedawar, MM, Itani, T, Yassine, SI, Nohra, EA, Isma'eel, HA. Lifetime cumulative exposure to waterpipe smoking is associated with coronary artery disease. *Atherosclerosis*, 2014. 234(2), 454-460. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24814409>

St Helen, G, Benowitz, NL, Dains, KM, Havel, C., Peng, M, Jacob, P. Nicotine and carcinogen exposure after water pipe smoking in hookah bars. *Cancer Epidemiol Biomarkers Prev*, 2014. 23(6), 1055-1066. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24836469>

Bou Fakhreddine, HM, Kanj, AN, Kanj, NA. The growing epidemic of water pipe smoking: health effects and future needs. *Respir Med*, 2014. 108(9), 1241-1253. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25130679>

Sutfin, EL, Song, EY, Reboussin, BA, Wolfson, M. What are young adults smoking in their hookahs? A latent class analysis of substances smoked. *Addict Behav*, 2014.39(7), 1191-1196. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24746345>

Ward, KD, Ahn, S, Mzayek, F, Al Ali, R, Rastam, S, Asfar, T et al. The Relationship Between Waterpipe Smoking and Body Weight: Population-Based Findings From Syria. *Nicotine Tob Res*, 2014. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25096252>

Zeidan, RK, Rachidi, S, Awada, S, El Hajje, A, El Bawab, W, Salame, J et al . Carbon monoxide and respiratory symptoms in young adult passive smokers: a pilot study comparing waterpipe to cigarette. *Int J Occup Med Environ Health*, 27(4), 571-582. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25012596>

Zyoud, SH, Al-Jabi, SW, Sweileh, WM. Bibliometric analysis of scientific publications on waterpipe (narghile, shisha, hookah) tobacco smoking during the period 2003-2012. *Tob Induc Dis*, 2014. 12(1), 7. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24725483>

Peres, J. Water pipe smoking: not risk free. *J Natl Cancer Inst*, 2014. 106(8). Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25122734>

Bonadies, N, Tichelli, A, Rovo, A. When water does not clear the smut from the smoke. *BMJ Case Rep*, 2013. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24142566>

Jawad, M, McEwen, A, McNeill, A, Shahab, L. The importance of addressing waterpipe tobacco smoking: research and policy responses. *Addiction*, 2013. 108(11), 1887-1888. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24118757>

Eissenberg, T. What can waterpipe tobacco smoking teach us about the need for a more rapid response to emerging non-communicable disease risks? *Addiction*, 2013. 108(11), 1885-1886. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24118755>

Hammal, F, Chappell, A, Wild, TC, Kindzierski, W, Shihadeh, A, Vanderhoek, A et al. 'Herbal' but potentially hazardous: an analysis of the constituents and smoke emissions of tobacco-free waterpipe products and the air quality in the cafes where they are served. *Tob Control*, 2013. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24128428>

Shah, SB, Chestnutt, IG, Lewis, MA. 'Hubble-bubble leads to trouble'--waterpipe smoking and oral health. *Dent Update*, 2013. 40(10), 800-802, 804. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24597023>

Maynard, OM, Gage, SH, Munafo, MR. Are waterpipe users tobacco-dependent? *Addiction*, 108(11), 1886-1887. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24118756>

### 3.27.6 Kreteks

Bachtiar, BM, Gani, BA, Deviana, A, Utami, NR, Andriyani, AD, & Bachtiar, EW. (2021). The Discrepancy between Clove and Non-Clove Cigarette Smoke-Promoted *Candida albicans* Biofilm Formation with Precoating RNA-aptamer. *F1000Res*, 10, 372. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34367616>

Nuryunarsih, D, Lewis, S, & Langley, T. (2021). Health risks of kretek cigarettes: A systematic review. *Nicotine Tob Res*. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33503247>

Amtha, R, Razak, IA, Basuki, B, Roeslan, BO, Gautama, W, Puwanto, DJ et al. Tobacco (kretek) smoking, betel quid chewing and risk of oral cancer in a selected jakarta population. *Asian Pac J Cancer Prev*, 2014. 15(20), 8673-8678. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25374188>

Piade, JJ, Roemer, E, Dempsey, R, Hornig, G, Deger Evans, A, Volkel, H et al. Toxicological assessment of kretek cigarettes: Part 2: Kretek and American-blended cigarettes, smoke chemistry and in vitro toxicity. *Regul Toxicol Pharmacol*, 2014. 70 Suppl 1, S15-25. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25497993>

Piade, JJ, Roemer, E, Dempsey, R, Weiler, H, Meurrens, K, Vanscheeuwijck, P, Schorp, MK Toxicological assessment of kretek cigarettes part 3: Kretek and American-blended cigarettes, inhalation toxicity. *Regul Toxicol Pharmacol*, 2014. 70 Suppl 1, S26-40. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25455226>

Roemer, E, Dempsey, R, Lawless-Pyne, J, Lukman, S, Evans, AD, Trelles-Sticken, E et al. Toxicological assessment of kretek cigarettes part 4: Mechanistic investigations, smoke chemistry and invitro toxicity. *Regul Toxicol Pharmacol*, 2014. 70 Suppl 1, S41-53. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25455230>

Roemer, E, Dempsey, R, Schorp, MK. Toxicological assessment of kretek cigarettes: Part 1: Background, assessment approach, and summary of findings. *Regul Toxicol Pharmacol*, 2014. 70 Suppl 1, S2-S14. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25498000>

Roemer, E, Dempsey, R, Van Overveld, FJ, Berges, A, Pype, J, Weiler, H, et al. Toxicological assessment of kretek cigarettes part 5: Mechanistic investigations, inhalation toxicity. *Regul Toxicol Pharmacol*, 2014. 70 Suppl 1, S54-65. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25455231>

Schramke, H, Roemer, E, Dempsey, R, Hirter, J, Meurrens, K, Berges, A et al. Toxicological assessment of kretek cigarettes. Part 7: The impact of ingredients added to kretek cigarettes on inhalation toxicity. *Regul Toxicol Pharmacol*, 2014. 70 Suppl 1, S81-89. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25455220>

No authors listed, Introduction: Toxicological assessment of kretek cigarettes. *Regul Toxicol Pharmacol*. 2014 Dec;70 Suppl 1:S1. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25542403>

### 3.27.7 Bidis

Ancy, RJ, Shenoy, RP, Jodalli, PS, Sonde, L, & Mohammed, IP. (2021). Comparative Evaluation of Salivary Sialic Acid Levels Among Beedi Rollers and Tobacco Users in Mangalore, South India. *Cureus*, 13(7), e16651. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/34462684>

Antony, JVM, Ramani, P, Ramasubramanian, A, & Sukumaran, G. (2021). Particle size penetration rate and effects of smoke and smokeless tobacco products - An invitro analysis. *Heliyon*, 7(3), e06455. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33768172>

Rao, SS, Preethika, A, Yeldho, DM, Kumar, YS, & Shenoy, RD. (2020). Maternal Occupational Tobacco Exposure and Newborn Umbilical Cord Serum Leptin Concentration. *Indian Pediatr*, 57(10), 918-921. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/33089807>

Mbulu, L, Palipudi, KM, Smith, T, Yin, S, Munish, VG, Sinha, DN et al (2020). Patterns and related factors of bidi smoking in India. *Tob Prev Cessat*, 6, 28. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32760863>

Nath, S, Prakash, J, Prajapati, VK, Sharma, N, & Pulikkotil, SJ. (2020). Effect of bidi cigarette smoking on interleukin-1beta and 8 levels in chronic periodontitis patient. *Indian J Dent Res*, 31(3), 433-438. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/32769279>

Vyas, T, Verma, P, Abidullah, M, Kushwaha, SS, Sahoo, PK, Priyadarshini, SR et al. Quantitative analysis of AgNOR counts and pap stain in exfoliative cytology specimens of oral mucosa in bidi smokers and nonsmokers. *Ann Afr Med*, 2018; 17(4), 210-214. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30588935>

Jitender, S, Sarika, G, Sharma, P, Mishra, P. Bidi smoking: an underestimated issue of Indian society. *J Exp Ther Oncol*. 2017 May;12(1):73-81. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28472568>

Agarwal, R, Bhogal, S, Choudhary, H, Aggarwal, AN, Sehgal, IS, Dhooria, S, Behera, D, Chakrabarti, A. Aspergillus sensitisation in bidi smokers with and without chronic obstructive lung disease. *Mycoses*, 2017. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28139853>

Paul, B, Menon, S S, Vasthare, R, Balakrishnan, R, & Acharya, S. Effect of bidi smoking on nasal mucociliary clearance: a comparative study. *J Laryngol Otol*, 2018. 1-6. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30457082>

### *News reports:*

Mundell, EJ. Tobacco Kills, No Matter How It's Smoked: Study. *Health Day*, 2018. Feb 23, 2018. Available from: <https://consumer.healthday.com/cancer-information-5/smoking-cessation-news-628/tobacco-kills-no-matter-how-it-s-smoked-study-731219.html>

Alary, B, Toogood, K. (Producer). Herbal shisha a potential health hazard, study says. *Medical Xpress*, 2013. . Available from: <http://medicalxpress.com/news/2013-11-herbal-shisha-potential-health-hazard.html>

### *3.27.3 Cigar smoking*

No author listed. Cigars: Facts, stats and regulations. *Trut Initiative*, 2022. Retrieved from <https://truthinitiative.org/research-resources/traditional-tobacco-products/cigars-facts-stats-and-regulations>

National Academies of Sciences Engineering and Medicine. (2022). *Premium cigars: Patterns of use, marketing, and health effects* Washington, DC: The National Academies Press.

No authors listed. Cigars: Facts, stats and regulations. *Truth Initiative*, 2020 June 30, 2020. Retrieved from <https://truthinitiative.org/research-resources/traditional-tobacco-products/cigars-facts-stats-and-regulations>

Makhdami, Nima. Smoking cigars has similar risks of mortality as cigarettes. *Medical News Bulletin*, 2018. July 1, 2018. Available from: <https://www.medicalnewsbulletin.com/smoking-cigars-risks-mortality-cigarettes/>

No authors listed. Certain popular cigars deliver more nicotine than cigarettes. *Medical Xpress*, 2017. Nov 22, 2017. Available from: <https://medicalxpress.com/news/2017-11-popular-cigars-nicotine-cigarettes.html>

### 3.27.5 Waterpipe smoking

Malek, C. Has Coronavirus Killed Off Shisha Cafes Forever? *Eurasia Review*, 2020. June 13, 2020. Retrieved from <https://www.eurasiareview.com/13062020-has-coronavirus-killed-off-shisha-cafes-forever/>

No authors listed. (2020). Shisha 'floodgates'. *Greater Dandenong Weekly*, p. 5. Retrieved from [https://customreport.mediaportal.com/#/articlepresenter/23105699-bd14-4b6f-9847-2eb9f146d078/609062969/1474060088?\\_k=0033uy](https://customreport.mediaportal.com/#/articlepresenter/23105699-bd14-4b6f-9847-2eb9f146d078/609062969/1474060088?_k=0033uy)

Nafie, M. Saudi Arabia bans shisha and tobacco to combat COVID-19 *Saudi Gazette*, 2020. March 10, 2020 Retrieved from <http://saudigazette.com.sa/article/590740/SAUDI-ARABIA/Saudi-Arabia-bans-shisha-and-tobacco-to-combat-COVID-19>

Sandoiu, Ana. How 30 minutes of hookah smoking affects your heart. *Medical News Today*, 2018. Aug 7, 2018. Available from: <https://www.medicalnewstoday.com/articles/amp/322685>

Weitzman, M, Yusufali, AH, Bali, F, Vilcassim, M J, Gandhi, S, Peltier, R, Nadas, A, Sherman, S, Lee, L, Hong, Z, Shearston, J, Park, SH, Gordon, T. Effects of hookah smoking on indoor air quality in homes. *Tobacco Control*, 2016. Oct 26, 2016. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27798320>

Wilson, Caroline. Young people unaware of health risks of fruit-flavoured Shisha pipes. *The Evening Times*, 2016. May 24, 2016. Available from: [http://www.eveningtimes.co.uk/news/14511807.Young\\_people\\_unaware\\_of\\_the\\_health\\_risks\\_of\\_Shisha\\_pipes\\_Glasgow\\_health\\_campaigners\\_warn/](http://www.eveningtimes.co.uk/news/14511807.Young_people_unaware_of_the_health_risks_of_Shisha_pipes_Glasgow_health_campaigners_warn/)

Ellis, Marie. Hookah smokers: even light use causes lung abnormalities. *Medical News Today*, 2016. May 6, 2016. Available from: <http://www.medicalnewstoday.com/articles/308747.php>

Ryan, Lisa. Just ONE hookah pipe 'exposes the smoker to 100 times more tar and 4 times as much nicotine as one cigarette'. Daily Mail, 2016. Apr 7, 2016. Available from: <http://www.dailymail.co.uk/health/article-3526714/Just-ONE-hookah-pipe-exposes-smoker-100-times-tar-4-times-nicotine-one-cigarette.html>

No authors listed. Young hookah smokers more prone to cigarette smoking. Medical News Today, 2018. Feb 18, 2016. Available from: <http://www.medicalnewstoday.com/releases/306770.php?tw>

No authors listed. One hookah tobacco smoking session delivers 25 times the tar of a single cigarette. Medical Xpress, 2017. Jan 11, 2016. Available from: <http://medicalxpress.com/news/2016-01-hookah-tobacco-session-tar-cigarette.html>

Strulovici-Barel, Y, Shaykhiev, R, Salit, J, Deeb, RS, Krause, A, Kaner, RJ et al. Pulmonary abnormalities in young, light-use waterpipe (Hookah) smokers. American Journal of Respiratory and Critical Care Medicine, 2016. Mar 23, 2016. Available from: <http://www.atsjournals.org/doi/abs/10.1164/rccm.201512-2470OC#.Vy76N7709jY>

Krueger, Paul, Yoo, Jay. Smoke from licensed hookah and smoking lounges not regulated. NBC San Diego 7/39, 2016. Feb 12, 2016. Available from: <http://www.nbcsandiego.com/investigations/Smoke-From-Licensed-Hookah-And-Smoking-Lounges-Not-Regulated--368573271.html>

Lopez, Bianca. What are you smoking? Bacteria found at local hookah bars. The Minaret, 2016. Feb 25, 2016. Available from: <http://theminaretonline.com/2016/02/25/what-are-you-smoking/>

No authors listed. Birmingham Shisha bars contain 'higher levels of pollution than Beijing', claims new study. ITV, 2016. Feb 5, 2016. Available from: <http://www.itv.com/news/central/2016-02-05/birmingham-shisha-bars-contain-higher-levels-of-pollution-than-beijing-claims-new-study/>

Martinasek, MP et al. Waterpipe tobacco smoking impact on public health: implications for policy. Dove Medical Press, 2015. Aug 27, 2015. Available from: <https://www.dovepress.com/waterpipe-tobacco-smoking-impact-on-public-health-implications-for-pol-peer-reviewed-article-RMHP>

No authors listed. All forms of smoking are bad for the heart. Medical News Today, 2015. June 1, 2015. Available from: <http://www.medicalnewstoday.com/releases/294685.php?tw>

No authors listed. Warning over smoking sheesha inside Ramadan tents. Middle East Association, 2015. June 23, 2015. Available from: <http://the-mea.co.uk/news/warning-over-smoking-sheesha-inside-ramadan-tents>

Corderoy, Amy. Woman suffers carbon monoxide poisoning after smoking hookah . The Sydney Morning Herald, 2015. May 4, 2015. Available from: <http://www.smh.com.au/national/health/woman-suffers-carbon-monoxide-poisoning-after-smoking-hookah-20150504-1mxypv.html>

No authors listed. Use of hookah steam stones could lead to dangerous, false sense of security. Medical News, 2015. May 12, 2015. Available from: <http://www.news-medical.net/news/20150512/Use-of-hookah-steam-stones-could-lead-to-dangerous-false-sense-of-security.aspx>



No authors listed. Hookah sessions equivalent to smoking 30 cigarettes, health experts warn. News Everyday, 2015. Mar 15, 2015. Available from: <http://www.newseveryday.com/articles/11591/20150320/hookah-sessions-equivalent-smoking-30-cigarettes-health-experts-warn.htm>

No authors listed. Potential health risks of hookah smoking are being overlooked by users, concerning toxicologists. Science Daily, 2015. Feb 2, 2015. Available from: <http://www.sciencedaily.com/releases/2015/02/150202105325.htm>

Al-Hamid, Nadim. Smoking kills 23,000 every year. Arab News, 2014. Sep 19, 2014. Available from: <http://www.arabnews.com/food-health/news/632306>

Caba, Justin. An hour of hookah equals 100 cigarettes, so why is it more socially acceptable? Medical Daily, 2014. Dec 4, 2014. Available from: <http://www.medicaldaily.com/hour-hookah-equals-100-cigarettes-so-why-it-more-socially-acceptable-313142>

No authors listed. College students believe hookah safer alternative to cigarette smoking. Medical Xpress, 2014. Dec 11, 2014. Available from: <http://medicalxpress.com/news/2014-12-college-students-hookah-safer-alternative.html>

Rivas, Anthony. Hookah leads to smoking cigarettes in teens: Why FDA needs to move forward with regulations. Medical Today, 2014. Dec 9, 2014. Available from: <http://www.medicaldaily.com/hookah-leads-smoking-cigarettes-teens-why-fda-needs-move-forward-regulations-313602>

The Straits Times. Shisha smoking less harmful than cigarette smoking? 5 myths debunked. Asia One, 2014. Nov 7, 2014. Available from: <http://yourhealth.asiaone.com/content/shisha-smoking-less-harmful-cigarette-smoking-here-are-five-facts-clear-air>