OVERPRESCRIPTION OF ANTIBIOTICS RESOURCES AND LITERATURE

The following resources and literature provide a general overview as of April 2021. (Users of these resources should conduct a more in-depth or current review as needed.)

Centers for Disease Control and Prevention (CDC)

- Checklist for Antibiotic Prescribing in Dentistry www.cdc.gov/antibiotic-use/community/downloads/ dental-fact-sheet-FINAL.pdf
- Antibiotic Resistance Questions and Answers
 www.cdc.gov/antibiotic-use/antibiotic-resistance.
 html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov
 %2Fantibiotic-use%2Fcommunity%2Fabout%2
 Fantibiotic-resistance-faqs.html
- Antibiotic Prescribing and Use in the United States www.cdc.gov/antibiotic-use/stewardship-report/ current.html
- Antibiotic Stewardship Implementation Framework for Health Departments
 www.cdc.gov/antibiotic-use/training/state.html
- Antibiotic Resistance Solutions Initiative www.cdc.gov/drugresistance/solutions-initiative/ index.html

World Health Organization (WHO)

- Antibiotic Resistance www.who.int/news-room/fact-sheets/detail/ antibiotic-resistance
- Antimicrobial Resistance www.who.int/health-topics/antimicrobial-resistance

American Dental Association (ADA)

- Antibiotic Stewardship www.ada.org/en/member-center/oral-health-topics/ antibiotic-stewardship
- Antibiotic Prophylaxis Prior to Dental Procedures www.ada.org/en/member-center/oral-health-topics/ antibiotic-prophylaxis
- Antibiotic Use for the Urgent Management of Dental Pain and Intra-oral Swelling Clinical Practice Guideline (2019) ebd.ada.org/en/evidence/guidelines/ antibiotics-for-dental-pain-and-swelling

Overprescription of Antibiotics in Dentistry Peer-Reviewed Literature

- Holz M, Naavaal S, Stilianoudakis S, et al. Antibiotics and antimicrobial resistance: evaluation of the knowledge, attitude, and perception among students and faculty within US dental schools. J Dent Educ 2021; 85(3):383-91. DOI: 10.1002/jdd.12445.
- Cummins J, McCarthy M, Esterman A, et al. Knowledge and compliance of dentists' and dental students' with respect to relevant guidelines for prescribing antibiotic prophylaxis for the prevention of infective endocarditis: a systematic review. J Evid Based Dent Pract 2020;20(1):101311. DOI: 10.1016/j.jebdp.2019.01.007.
- Gross AE, Hanna D, Rowan S A, et al. Successful implementation of an antibiotic stewardship program in an academic dental practice. Open Forum Infect Dis 2019;6(3):ofz067. DOI: 10.1093/ofid/ofz067.
- Haque M, Sartelli M, Haque SZ. Dental infection and resistance-global health consequences. Dent J (Basel) 2019;7(1):22. DOI: 10.3390/dj7010022.
- Suda KJ, Calip GS, Zhou J, et al. Assessment of the appropriateness of antibiotic prescriptions for infection prophylaxis before dental procedures, 2011 to 2015. JAMA Netw Open 2019;2(5):e193909. DOI: 10.1001/ jamanetworkopen.2019.3909.
- Martens E, Demain AL. The antibiotic resistance crisis, with a focus on the United States. J Antibiot 2017;70(5):520-26. DOI: 10.1038/ja.2017.30
- Ventola CL. The antibiotic resistance crisis: part 1: causes and threats. Pharm Ther 2015;40(4):277.
- Ventola CL. The antibiotic resistance crisis: part 2: management strategies and new agents. Pharm Ther 2015;40(5):344.