

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%2Fantibiotic-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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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.