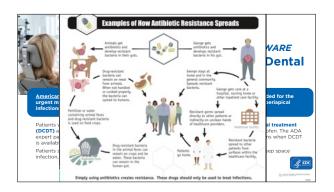
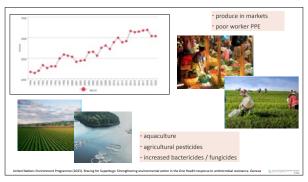
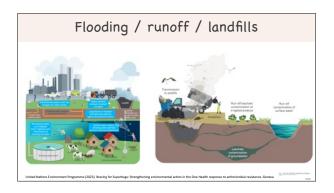


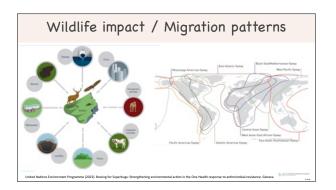
Antimicrobial resistance-Contributing factors..... and the elephant in the room



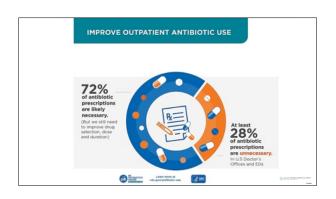


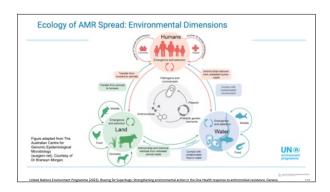


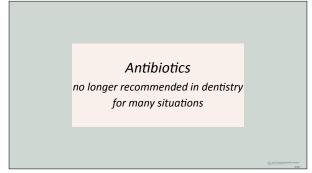




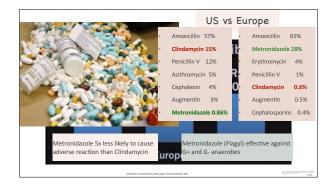


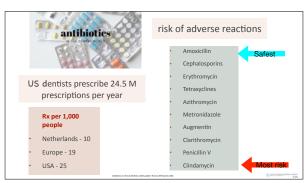






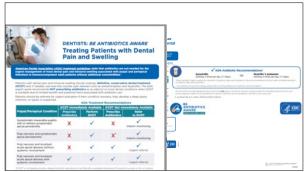


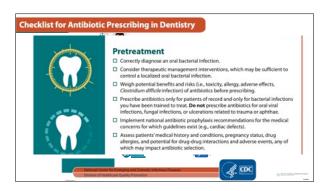
















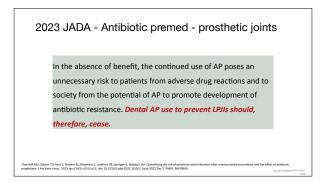


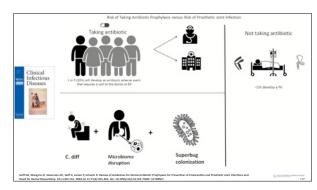
Dentists in the United States are under pressure from orthopedic surgeons and their patients with prosthetic joints to provide antibiotic prophylaxis before invasive dental procedures (IDP) to reduce the risk of late prosthetic joint infection (LPJI).

A common practice for decades, despite a lack of evidence for an association between IDP and LPJI

## 2022 JAMA prostehtic joints

- ·lack of evidence of antibiotic prophylaxis efficacy ·cost of providing antibiotic prophylaxis
- risk of adverse drug reactions potential for antibiotic resistance





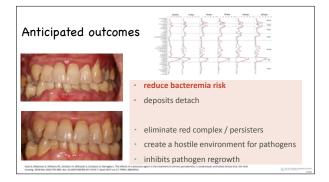
## 2025 - American Heart Association

Adults with the highest risk for poor outcomes from IE may be prescribed antibiotics (IE prophylaxis) before certain dental procedures to reduce their risk of developing it. These include procedures that involve manipulation of gingival (gum) tissue or the periapical region (area around the roots) of teeth, or perforation of the oral mucosa.

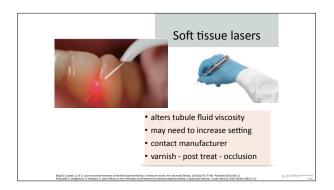


2025 - Premed - endocarditis
Objective: Antibiotic remains Antibiotic Prophylasis Objective: Antibiotic prophylaxis is recommended before invasive dental procedures to prevent endocarditis in those at high risk, but supporting data are sparse. We therefore investigated any association You need it? between invasive dental procedures and endocarditis. and any antibiotic prophylaxis effect on endocarditis yes Subjects and methods: Cohort and case-crossover 010 studies were performed on 1.678.190 Medicaid patients with linked medical, dental, and prescription Conclusions: Invasive dental procedures (particularly extractions and oral surgery) were significantly associated with endocarditis in high-risk individuals, but AP significantly reduced endocarditis incidence following these procedures, thereby supporting current guideline recommendations. Thurshill MH, Gibson TB, Yoon F, Dayer MJ, Prendegast RD, Lockhart FR, G'Sara PT, Raddowr LM. Ant 2022 Sep 13;80(13):5229-5061. doi: 51.1034/j.joir.2022.06/310. Spub 2022 Aug 17. PMID: 31987887







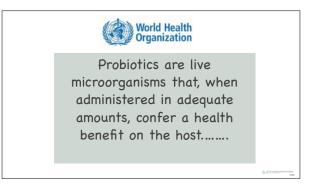




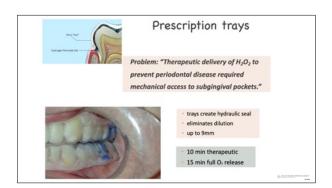




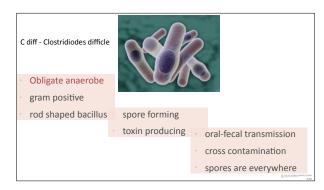


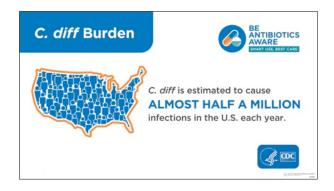


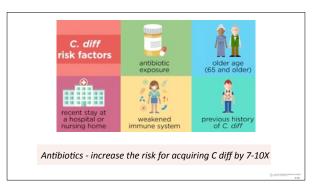


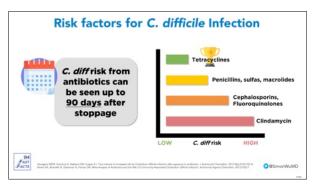


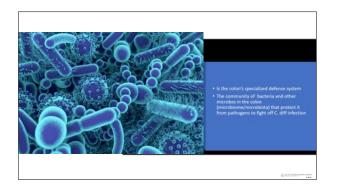


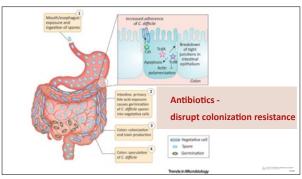


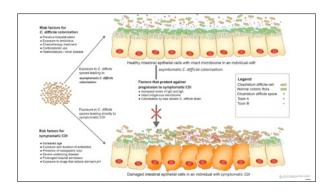


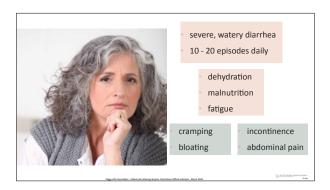


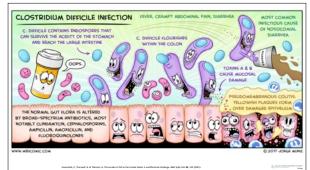




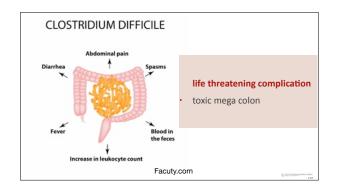


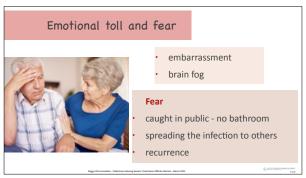


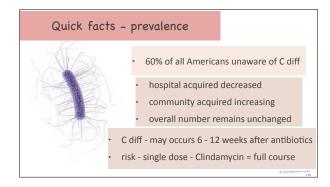




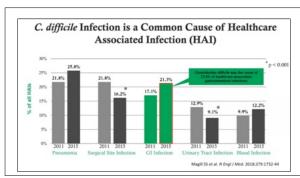


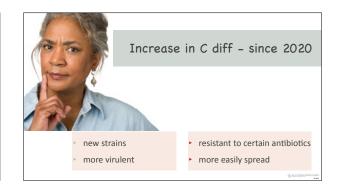






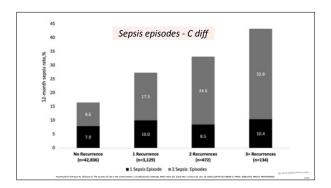








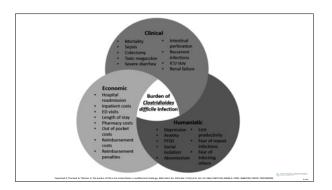


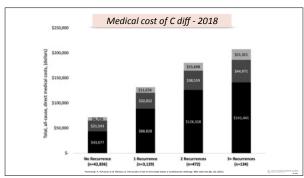


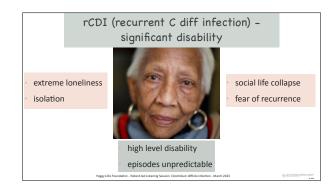








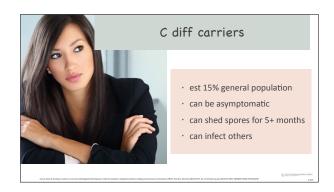


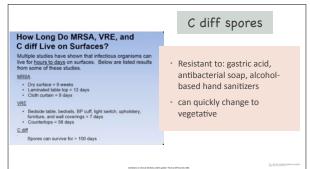
























## Product Resources – 2025

**Personal Care Products** 

XyliMelts and XyliGel Professional Sample Box oracoat.com/pages/contact-us

Basic Bites Arginine Chews basicbites.com/professional/samplerequest/ Basicbites.com 516-484-5600

Salese and Dentiva Lozenges 877-419-2646 nuvorainc.com

Curaprox Velvet toothbrush, 5460 brush, Hydrosonic Pro power brush, Samba curaprox.us/info/toothbrushes

BioGaia Probiotics https://www.biogaia.com/healthareas/probiotic-oral-health/

WaterPik Water Flosser https://www.waterpik.com/oralhealth/pro/trial-offers/

**Additional Care Products** 

CariScreen - Gum, varnish, rinse, gels, spray, lollipops
Carefree.com

Ice Chips xylitol candy Icechipscandy.com 866-202-6623

SalivaMAX saliva support forwardscience.com

Elevate Oral Care All Day Dry Mouth Spray/Gel, 5000 toothpaste with xylitol elevateoralcare.com

Tom's/Maine Rapid Relief Sensitive Toothpaste OTC at drug stores

Colgate Prevident 5000 / Varnish

Spry xylitol mints, gum, nasal spray Xlear.com

Theodent toothpaste Theodent.com

**Diagnostics / Therapeutics** 

Perio Protect RX Trays Providers.perioprotect.com 877.434.GUMS (4867)

pH paper – 0.0 to 6.0 microessentiallab.com

Guided Biofilm Therapy – EMS

Cavity pHighter Test Strips CAOGroup.com

Synapse Dental Pain Eraser dentalpaineraser.com/dental/

Teethmate Desensitizer Dental supply companies

Perio DT Desiccation Gel Clear Defense Silver Fluoride youngspecialties.com

Papacarie Duo Caries Removal, Povi-One Iodine, Advantage Arrest – Silver diamine gel, Black Diamond Silver Fluoride. elevateoralcare.com

Cervitex Plus CHX Thymol Varnish Ivoclarvivadent.com

NoGag nogag.com/dentists

Infinity cordless polisher Young polishing handpiece Dental supply companies

Loupes and Headlights Orascoptic.com 800-369-3698

Crown Seating saddle stools info@crownseating.com 303-693-1104

Parkell DuraTips – magneto ultrasonic tips – Dental supply companies





**BioGaia** 







**Synapse Dental Pain Eraser** 



Parkell Dura Tip

THE NEW DENTAL ANTIBIOTIC GUIDELINES Prophylaxis, Stewardship and Appropriate Clinical Use https://www.dentalceacademy.com/antib

iotics-dentistry-prophylaxisdentalceacademy

Desiccation Therapy 1.0 – May 6, 2025 Desiccation Therapy 2.0 – May 20, 2025

CLOSTRIDIUM DIFFICILE: DENTISTRY'S OVERLOOKED THREAT https://www.dentalceacademy.com/clost ridium-difficile-in-dentistry