



Antibiotic Prophylaxis

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Prophylaxis Recommended in High and Moderate Risk Patients

Dental extractions	Subgingival placement of antibiotic fibers or strips
Periodontal procedures including surgery, scaling and root planing, probing, and recall/maintenance	Initial placement of orthodontic bands, but not brackets
Dental implant procedures and reimplantation of avulsed teeth	Intraligamentary local anesthetic injections
Endodontic instrumentation or surgery only beyond the apex	Prophylactic cleaning of teeth or implants where bleeding is anticipated

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Restorative dentistry (operative and prosthodontic) with or without retraction cord	Shedding of primary teeth
Local anesthetic injections (non-intraligamentary)	Placement of removable prosthodontic or orthodontic appliances
Intracanal endodontic treatment; post placement and buildup.	Taking of oral impressions
Placement of rubber dams	Fluoride treatments
Postoperative suture removal	Taking of oral radiographs
Orthodontic appliance adjustment	

Prophylactic Regimens for the Oral Route

Standard	
Amoxicillin	Adults: 2.0 g Children: 50mg/kg 1 hour prior to procedure
Penicillin Allergic	
Clindamycin	Adults: 600 mg Children: 20mg/kg 1 hour prior to procedure
Or Cephalexin** or Cefadroxil**	Adults: 2.0 g Children: 50mg/kg 1 hour prior to procedure
Or Azithromycin or Clarithromycin	Adults: 500mg/kg Children: 15mg/kg 1 hour prior to procedure

*Total children's dose should not exceed adult dose

**Cephalosporins should not be used in individuals with immediate-type hypersensitivity reaction (urticaria, angioedema, or anaphylaxis) to penicillins.

Adapted by JADA in Tong DC, Rothwell BR, Antibiotic prophylaxis in dentistry: a review and practice recommendations, JADA 2000; 131(3):366-74, from Dajani AS et al. Prevention of bacterial endocarditis: recommendations by the American Heart Association. JAMA 1997;277(22):1795-8.