

## PREMEDICATION FOR HEART CONDITIONS

### Cardiac conditions associated with the highest risk of adverse outcome from endocarditis for which prophylaxis with dental procedures is recommended

Prosthetic cardia valve

Previous IE

Congenital heart disease (CHD)\*

- Unrepaired cyanotic CHD, including palliative shunts and conduits
- Completely repaired congenital heart defect with prosthetic material or device, whether placed by surgery or by catheter intervention, during the first six months after the procedure+
- Repaired CHD with residual defects at the site or adjacent to the site of a prosthetic patch or prosthetic device (which inhibit endothelialization)

Cardiac transplantation recipients who develop cardiac valvulopathy

\*Except for the conditions listed above, antibiotic prophylaxis is no longer recommended for any other form of CHD.

+Prophylaxis is recommended because endothelialization of prosthetic material occurs within 6 months after procedure.

### Regimens for dental procedure

Regimen: Single dose 30-60 minutes before procedure

| Situation   | Agent  | Adults                              |
|---|--|-------------------------------------|
| Oral (Before dental appointment)  | Amoxicillin                                    | 2 g (4 tablets)                     |
| Allergic to penicillins or ampicillin-oral                              | Cephalexin*+<br>OR<br>Clindamycin              | 2 g<br><br>600 mg                   |
| Allergic to penicillin or ampicillin and unable to take oral medication | Cefazolin or ceftriaxone+<br>OR<br>Clindamycin | 1 g IM or IV<br><br>600 mg IM or IV |

IM indicates intramuscular; IV, intravenous.

\*Or other first-or second-generation oral cephalosporin in equivalent adult or pediatric dosage.

+Cephalosporins should not be used in an individual with a history of anaphylaxis, angioedema, or urticaria with penicillins or ampicillin.