Guideline for Dental Prophylaxis in Heart Transplant Patients

According to the 2007 American Heart Association guidelines for the prevention of infective endocarditis (IE), the following cardiac conditions are associated with the highest risk of cardiac outcomes from endocarditis for which prophylaxis is recommended:

1. Prosthetic valve replacement
2. Previous infective endocarditis
3. Congenital heart disease
4. Cardiac transplant recipients who develop cardiac valvulopathy.

The AHA mentions that there is insufficient evidence to support specific recommendations for heart transplant recipients, however they do acknowledge that endocarditis that occurs in a heart transplant patient is associated with a high risk of adverse outcome.

The following are regimens are recommended for IE prophylaxis:

1. Oral Prophylaxis
   a. Amoxicillin 2 grams po 1 hour prior to procedure
   b. PCN allergy: Clindamycin 600mg po 30 minutes prior to procedure
      Cephalexin/Cefadroxil 2 grams po 1 hour prior to procedure
      Azithromycin 500 mg 1 hour prior to procedure

2. Unable to take oral medications:
   a. Ampicillin 2.0 grams IM or IV 30 minutes prior to procedure
   b. Clindamycin 600 mg IV 30 minutes prior to procedure

Reference:

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Compliance, Policy & Regulatory Committee Approval

6/28/13
Date

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8/15/13
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