SPA Treatment & Referral Guideline
Antibiotic Prophylaxis for Endoscopic Procedures
Developed December 2003
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I. Patient Condition – High Risk

A) Prosthetic Valve, History of Endocarditis, Syst-Pulm Shunt, Synth Vasc Graft (<1 year old), Complex Cyanotic Congenital Heart Disease
   a) **Antibiotic Prophylaxis: Recommended**
      - Stricture Dilation
      - Variceal Sclerotherapy
      - ERCP/obstructed biliary tree
   
   b) **Antibiotic Prophylaxis: Optional**
      - Other Endoscopic procedures including:
      - EGD
      - Colonoscopy (with or without biopsy/polypectomy)
      - Variceal ligation

II. Patient Condition – Moderate Risk

A) Most Other Congenital Abnormalities, Acquired valvular dysfunction (e.g. Rheumatic heart disease), Hypertropic Cardiomyopathy, Mitral valve prolapse with regurgitation or thickened leaflets
   a) **Antibiotic Prophylaxis: Optional**
      - Esophageal Stricture Dilation
      - Variceal Sclerotherapy
   
   b) **Antibiotic Prophylaxis: Not Recommended**
      - Other Endoscopic procedures including:
      - EGD
      - Colonoscopy (with or without biopsy/polypectomy)
      - Variceal ligation

III. Patient Condition – Low Risk

A) Other Cardiac Conditions (CABG, repaired septal defect or patent ductus, mitral valve prolapse without valvular regurg., isolated secundum atrial septal defect, physiologic/functional/innocent heart murmurs, rheumatic fever without valvar dysfunctions, pacemakers, implantable defibrillators).
   a) **Antibiotic Prophylaxis: Not Recommended**
      - All Endoscopic procedures

IV. Other

A) Obstructed bile duct
   a) **Antibiotic Prophylaxis: Recommended**
      - ERCP
B) Pancreatic cyst lesion
   a) **Antibiotic Prophylaxis: Recommended**
      ➢ ERCP, EUS-FNA

C) Cirrhosis Acute GI Bleed
   a) **Antibiotic Prophylaxis: Recommended**
      ➢ All endoscopic procedures

D) Ascites, Immunocompromised patient
   a) **Antibiotic Prophylaxis: No Recommendation**
      ➢ Stricture Dilation
      ➢ Variceal Sclerotherapy
   b) **Antibiotic Prophylaxis: Not Recommended**
      ➢ Other Endoscopic Procedures including:
      ➢ EGD
      ➢ Colonoscopy (with or without biopsy/polypectomy)
      ➢ Variceal Ligation

E) All Patients
   a) **Antibiotic Prophylaxis: Recommended (parenteral cephalosporin or equivalent)**
      ➢ Percutaneous endoscopic feeding tube placement

F) Prosthetic Joints
   a) **Antibiotic Prophylaxis: Not Recommended**
      ➢ All Endoscopic Procedures

Cardiac Prophylaxis Regimens (oral 1 hour before, IM or IV 30 minutes before procedure)
Amoxicillin PO or Ampicillin IV; adult 2.0 g, child 50 mg/kg
Penicillin allergic: Clindamycin (Adult 600 mg, child 20 mg/kg), OR Cephalexin OR Cefadroxil
(Adults 2.0 g, child 50 mg/kg), OR Azithromycin or Clarithromycin (Adult 500 mg, child 15
mg/kg), OR Cefazolin (Adult 1.0 g, child 25 mg/kg IV or IM), OR Vancomycin (Adult 1.0 g,
child 10-20 mg/kg IV).

**APPROVAL:**

 SPA Medical Director  August 24, 2009

**Approval / Revision Summary:**
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