

ANTIBIOTIC PROTOCOL FOR JOINT REPLACEMENT PATIENTS

DENTAL PROCEDURES:

It is no longer necessary to take an antibiotic for dental cleanings provided you have good oral hygiene, visit your dentist regularly and are not in a high risk group (see below). It is recommended to avoid any dental procedures 1 month before until 3 months after joint replacement.

High Risk Patients:

- Immunosuppressed or immunocompromised:
 - Rheumatoid arthritis
 - Systemic Lupus Erythematosus
 - Crohn's disease
 - Radiation or drug induced immunosuppression (autoimmune disorders, chemotherapy, HIV, etc.)
- High risk comorbidities
 - Insulin dependent (Type 1) Diabetes
 - Ongoing Cancer / Malignancy
 - HIV Infection

Antibiotics are necessary for major dental procedures such as dental extractions, root canals or any procedure where significant bleeding might be expected.

- Amoxicillin, Cephalexin or Cephradine 2g orally one hour prior to procedure
- If Penicillin allergic: Clindamycin 600mg orally one hour prior to procedure

OPHTHALMIC PROCEDURES:

Many options: Gentamycin, Tobramycin, Ciprofloxacin, Gatifloxacin, Levofloxacin, Moxifloxacin, Ofloxacin or Meomycin-Gramicidin-Polymyxin B multiple drops subconjunctivally. Consult Ophthalmologist or Pharmacist for dosing regimen.

ORTHOPAEDIC PROCEDURES:

Cefazolin 2g IV, Cefuroxime 1.5g, Clindamycin 600mg IV or Vancomycin 1g IV. Begin infusion 60 mins prior to procedure. Full dose must be given prior to tourniquet inflation.

VASCULAR PROCEDURES:

Cefazolin 1-2g IV or Vancomycin 1g IV 60 mins prior to procedure.

HEAD & NECK PROCEDURES:

Clindamycin + Genta 600-900mg IV or Cefazolin 1-2g IV 60 mins prior to procedure.

OBSTETRIC & GYNECOLOGICAL PROCEDURES:

Cefazolin 1-2g IV, Ampicillin/sulfabactam 3g IV 60 mins prior to procedure.

GENITO-URINARY PROCEDURES:

Ciprofloxacin 500mg PO or 400mg IV 60 mins prior to procedure.

GASTRO-INTESTINAL PROCEDURES: (Includes Gastroscopy and Colonoscopy)

Upper GI tract: Cefazolin 1-2g IV 60 mins prior to procedure.

Colorectal: Metronidazole 1g (oral) or Metronidazole 500mg IV + Cipro 400mg IV 60 mins prior to procedure. Consult with GI physician and/or pharmacist.

*****All Bacterial Infections should be treated immediately with antibiotics to prevent risk of spread to your joint replacement. If you are uncertain if you need antibiotics please call my office for further directions.**