

# Drug Regimen for Grafting

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# Medication for Implantology

- Antibiotics
- Pain Relieving Drugs
- Anti-inflammatory Drugs
- Sedation Drugs

# Antibiotics

- Amoxil (Amoxycillin)
- 3 gram Sachets
- 1 hour Pre-operatively



# Amoxycillin Capsules

- Follow-up to Amoxyl Sachet
- 250 mgm Amoxycillin Capsules
- 1-2 Capsules Three Times a Day
- 5 days or more



# Amoxycillin

## Local Application

- 1 gm Amoxycillin Powder  
( injectable )
- Mix Powder mixed with Graft  
Material

# Augmentin

- Clavulanate-potentiated  
Amoxicillin  
( Amoxicillin 250 mg plus  
Clavulanic Acid 125 mg)



# Augmentin

- For Severe Bacterial Infections
- 375 mg Dispense 56 tablets
- 2 Tablets 4 times per day



# Cephalosporin

- Cephalexin ( Keflex )
- 8% Cross-reaction in Penicillin Sensitive Patients
- Broad Spectrum Antibiotic



# Cephalosporin

- 500mg tabs 42 tabs 2 stat 1 tab  
4x Day
- 1-1.5 Gm 3 - 4 x Day Severe  
Infections



## Doxycycline ( Vibramycin )

- for Severe Infections
- 2 stat 1 daily 100mg



# Ciprofloxacin ( Ciproxin )

- Gram-negative and Gram-positive infections.
- 250 mg Tabs 2-3 Tabs  
2 x day for five days



# Ciprofloxacin ( Ciproxin )

## Cautions

- Epilepsy and a History of Central Nervous System disorders  
GAD deficiency
- Anaphylaxis has been reported.

# Ciprofloxacin ( Ciproxin )

- Driving. May impair performance of skills and tasks such as driving
- Effects of alcohol enhanced.



# Clindamycin Systemic

- Cautions Diarrhoea
- Clindamycin 150- 300 mg
- Dispense 30 tabs

# Clindamycin Systemic

- Sig. 2 tabs one hour before Surgery
- 2 tabs 3 x Day till gone



# Erythromycin

- 250 mg Tabs
- Supply 40 tabs.
- Take 2 tabs stat
- 1 tab Four Times a day



# Gentomycin

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# Lincocin

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# Metronidazole

- 400 mg Tablets
- 41 tabs
- 2 stat
- 1 tab 4 x Day 3-5 Days



# Cautions

- No Alcohol Severe Hangover
- Liver Impairment
- Pregnancy and Breast Feeding
- Porphyria.

## Side effects

- Nausea, Vomiting and Gastrointestinal Disturbances
- Drowsiness
- Headaches
- Rashes



## Side effects

- Leucopenia
- Darkening of Urine
- Dizziness
- Ataxia.



# Use

- Anaerobic Infections
- Given by mouth.

# Co-Trimoxazole Septrin or Bactrim

- Mixture of Trimethoprim 1 part and Sulphamethoxazole 5 parts
- 480 mg tablets 2 tabs  
( 960 mg ) 2 x a day



# Co-Trimoxazole Septrin or Bactrim

- For Penicillin Allergy
- or Postoperative Infection
- Good Bone Penetration



# Anti-inflammatory Drugs

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# Ibuprofen

- Uses Analgesic/Anti-inflammatory
- Cautions Aspirin Allergy and Asthma
- Ibuprofen 600 mg tabs
- Dispense 20 tabs



# Ibuprofen

- 2 tabs 1 hour before Surgery
- 2 tabs after Surgery
- 1 tab 4 x a day for 3-4 days



# Dexamethazone

- Use Anti-inflammatory Steroids
- Dexamethazone Acetate Long acting injection into muscle 8 mg I.M.
- 8 mg IM or I.V. Dexamethazone Phosphate. Preoperatively



## Decadron 1.5 mg

- Dispense 7 tabs (unilateral SA)  
Disp. 10 tabs (bilateral SA)
- 4 tabs Morning of Surgery
- 6 tabs Morning of Surgery



## Decadron 1.5 mg

- 2 tabs next Morning
- 3 tabs next Morning
- 1 tab third Morning
- 1 tab third Morning



# Pain Relieving Drugs

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# Medication for Sinus Graft Procedures

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## Antibiotic of Choice for Sinus Grafting

- Amoxil ( Amoxicillin Oral Suspension) 3 Grams 1 hour Preop
- Amoxicillin 500 mg Tabs
- 1 tab 4x Day from 3 to 14 days Postoperatively



# History of Chronic Sinus Infection

- Start Antibiotic 5 days before and continue 10 days after
- Ibuprofen 600 mg Tablets
- 2 Tablets (1200 mg) 1 Hour preoperatively



# History of Chronic Sinus Infection

- Antibiotic of Choice 1 hour  
Preoperatively
- At time of Initiation of Sedation  
Dexa or Betamethazone  
Phosphate 8 mg IV



# Immediately Postoperatively

- Dexamethazone Acetate 8 mg IM
- Ibuprofen 1200 mg

# Postoperatively

- Ibuprofen 600 mg tabs 4 x Day for 3-4 days
- Antibiotic of choice for 3 to 10 days

# Treatment of Sinus Graft Infections

- Change Antibiotic
- Take Culture and do Sensitivities

# Treatment of Sinus Graft Infections

- Change antibiotic as indicated by Sensitivities
- Remove Graft if Signs and Symptoms continue



## For Patients on Amoxicillin

- Change to Septrin and Metronidazole until Culture and Sensitivities back
- When Sensitivities back change to Appropriate Antibiotic



# For Patients Allergic to Penicillin

## Ciproxin and Metronidazole

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## For packing Sinuses

- Bisthmus and Iodoform  
Impregnated Gauze B.I.P.
- 1.25 cm Wide



# Antibiotic of Choice

- Amoxicillin
- Ampicillin
- Trimethoprin Sulfamethorazole  
Combination



The End

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