

# COLON

## SURGICAL SITE INFECTION (SSI) PREVENTION BUNDLE

### PRIOR TO SURGERY

- ◆ Night before surgery (home or inpatient)
  - ◆ Soap and water bath
  - ◆ CHG wipe application (provided at clinic appointment for outpatients)
- ◆ Bowel prep options:
  - ◆ Clear liquids for 24 hours
    1. Oral antibiotics
    2. Mechanical prep THEN oral antibiotics
    3. No bowel prep (if contraindicated, emergent, or surgeon preference)
  - ◆ Note: Mechanical prep ONLY = not compliant
- ◆ Holding Room or PACU Inpatient
  - ◆ CHG wipe application

### DURING SURGERY

- ◆ Antibiotic selection (administer prior to 1<sup>st</sup> incision and redose as indicated):
  - CefOXitin 40 mg/kg (max 2000 mg)
  - If cephalosporin and/or severe penicillin allergy:
    - Ciprofloxacin 10 mg/kg (max 400 mg) PLUS
    - Metronidazole 15 mg/kg (max 500 mg)
- ◆ OR skin prep prior to incision:
  - Chloraprep if no ostomy
  - Betadine if ostomy present
  - Optional: ostomy or rectal irrigation before OR skin prep
- ◆ Closing protocol:
  - Scrubbed OR team changes gloves and gowns first
  - New sterile towels placed over existing around incision
  - New sterile instrument set from separate table used for closing
  - Previously used instruments removed from field

### AFTER SURGERY

- ◆ Antibiotics discontinued  $\leq 24$  hours after procedure end time unless treating infection
  - CefOXitin 40 mg/kg every 6 hours  $\times$  3 doses (max 2000 mg)
  - If cephalosporin/severe penicillin allergy:
    - Ciprofloxacin 10 mg/kg every 12 hours  $\times$  1 dose (max 400 mg) PLUS
    - Metronidazole 15 mg/kg every 8 hours  $\times$  2 doses (max 500 mg)



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## Monroe Carell Colon SSI Prevention Bundle

