

SPINAL FUSION

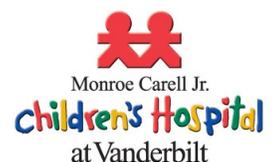
SURGICAL SITE INFECTION (SSI) PREVENTION BUNDLE

PRIOR TO SURGERY

- ◆ Operating Room cleaned prior to patient arrival
- ◆ Skin assessment completed for presence of rash, acne, or skin conditions
 - ◆ If acne on or near surgery site, Minocycline ordered and administered prior to surgery
- ◆ Soap and water bath
- ◆ CHG wipe application by patient/family night before surgery (provided at clinic appointment)
- ◆ Antibiotic(s) ordered
 - ◆ Cefazolin 30 mg/kg (Max: < 120 kg: 2 grams; ≥ 120 kg: 3g)
 - ◆ If allergy, Clindamycin 10 mg/kg (Max: 900 mg)
 - ◆ If history of MRSA colonization or infection, Vancomycin 15 mg/kg (Max: 2g)
 - ◆ If Neuromuscular, add Gentamicin 5 mg/kg (use adjusted body weight if obese)
- ◆ All implants and instruments available at VUMC 24 hours prior to surgery
 - ◆ Sterilized prior to surgery; NO implants will be flashed.

DURING SURGERY

- ◆ Hand hygiene performed using hospital approved scrub
- ◆ AORN surgical attire guidelines followed
- ◆ Hair removed with disposable clippers if applicable
- ◆ Surgery site cleaned and prepped
 - ◆ Cleaned with CHG scrub brush (using the sponge side) and alcohol
 - ◆ Chloraprep or Duraprep applied and allowed to dry for 3 minutes
 - ◆ After prep dry, ioban drape and surgery drapes applied
- ◆ Antibiotic administered within 60 minutes prior to incision and re-dosed as indicated
- ◆ Entire scrub team double glove for procedure
- ◆ Traffic limited in the OR
- ◆ Prior to incision closure
 - ◆ Irrigation with 500ml or more of Normal Saline
 - ◆ 1-2 gm Vancomycin powder applied
- ◆ Dressing placed after incision closure



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AFTER SURGERY

- ◆ Antibiotic re-dosed as indicated and discontinued ≤ 24 hours after surgery or when surgical drains removed
- ◆ Dressing change performed day of discharge, unless Prineo or incision wound vac dressing
 - ◆ Prineo: Removed in clinic 2 weeks after surgery
 - ◆ Incisional wound vac: Dressing removed in clinic 1 week after surgery
- ◆ Post-operative instructions provided to patients and family prior to discharge

