

VENTRICULOPERITONEAL SHUNT (VPS)

SURGICAL SITE INFECTION (SSI) PREVENTION BUNDLE

PRIOR TO SURGERY

- ◆ Operating Room cleaned prior to patient arrival
- ◆ MRSA/MSSA screening and labs ordered by provider if appropriate
- ◆ Soap and water bath night prior to surgery, unless otherwise stated by surgeon
 - ◆ Hair wash with Hibiclens/J&J baby shampoo
- ◆ CHG application, unless otherwise stated by surgeon
 - ◆ CHG wipe application chin to toes night prior to surgery
 - ◆ CHG wipe application chin to toes in preoperative area day of surgery
- ◆ Antibiotic ordered
 - ◆ Cefazolin 30 mg/kg (Max: < 120 kg: 2 grams; ≥ 120 kg: 3g)
 - ◆ If allergy or history of MRSA colonization or infection, Vancomycin 15 mg/kg (Max: 2g)
- ◆ Appropriate selection of VP shunt implants available 24 hours prior to surgery

DURING SURGERY

- ◆ Hand hygiene performed using hospital approved scrub (no gel/foam)
- ◆ AORN surgical attire guidelines followed
- ◆ Hair removed with disposable clippers if applicable
- ◆ Surgery site cleaned and prepped
 - ◆ Chloraprep applied for 30 seconds—1 minute
 - ◆ After Chloraprep dry, ioban drape and surgery drapes applied
- ◆ Entire scrub team double glove for procedure
 - ◆ Outer gloves changes after sterile drapes applied
- ◆ Antibiotic administered prior to incision and re-dosed as indicated
- ◆ Traffic limited in the OR, with signs placed on door as notification
- ◆ Irrigation prior to incision closure
- ◆ Appropriate dressing(s) placed after incision closure

AFTER SURGERY

- ◆ Antibiotic re-dosed as indicated and discontinued ≤ 24 hours after surgery
- ◆ Incision care and/or assessments conducted during hospital stay
- ◆ Post-operative instructions provided to patients and family prior to discharge

