EFFECTIVE MARCH 18th, 2014

VP Shunt SSI Prevention Bundle
Preoperative Preparation Education for Nursing

Who
The revised VP shunt bundle will be implemented on VP Shunt insertions and revisions (excluding EVD, Rickham, removal of VP shunt, and incision of peritoneum procedures).

Why the change
- Children's is participating in the CHA’s Solutions for Patient Safety (SPS) Collaborative (formally known as the Ohio Collaborative). One of the Hospital Acquired Conditions (HACs) of focus for the collaborative is VP Shunt SSIs.
- Children's Minneapolis has similar VP Shunt SSI rates compared to other Children's hospitals participating in SPS, while Children's St. Paul has lower rates. The VP Shunt SSI prevention bundle is being revised to incorporate some additional SSI prevention measures.

The VP Shunt Bundle
- Administration of preoperative antibiotic 45 minutes prior to surgery unless indicated otherwise (Vancomycin unless contraindicated).
- Hair/head wash using chlorhexidine gluconate (Hibiclens).
  - EXCLUDES ALL NEONATAL UNITS (NICU, ICC and SPECIAL CARE NURSERY) unless otherwise directed by physician. NOTE: Any future changes to this recommendation will be communicated.
- CHG preop bath as a standard of care for ANY neurological procedure.
- As a courtesy the preoperative RN will be call the inpatient RN 45-60 minutes prior to the patient’s procedure as a reminder to complete the head wash and antibiotic.
- For off-hours cases (nights/weekends) surgery will prompt AR to remind the inpatient to complete the ABX and hair wash.

What's New
For St Paul (this preop preparation is your current practice)...
- The order for preoperative antibiotic has a time frame attached to the order.
- New documentation.

For Minneapolis...
- The preoperative hair wash and preoperative antibiotic has a time frame attached to the order.
- New documentation.
Documentation:
Neurosurgery Shunt Preop PowerPlan

Changes to Inpatient Preop Assessment Powerform for VP shunt preparation

Universal Protocol Verification

Patient ID using two patient identifiers  Procedure(s)
Yes  No

Pre-op Skin Prep

- CHG bath
- Pre-operative hairwash
- N/A
- Other:
- Refused

Pre-op Skin Prep Comments

Unless contraindicated, CHG bathing cloths should be used for pre-operative bathing for operative procedures with an incision or puncture that breaches the skin.

Hibiclens (CHG) hair wash for VP shunt patients only.

Right click on the Pre-op Skin field to view reference text regarding CHG Skin Antiseptic.