Clinical Question: The concern you have about your nursing unit or area of practice:

- Surgical site infections - proper scrubs and products being used

<table>
<thead>
<tr>
<th>P: (Problem)</th>
<th>Increased surgical site infections</th>
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</thead>
<tbody>
<tr>
<td>I: (Intervention)</td>
<td>Evaluating each patient's surgery - finding correct scrub</td>
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<tr>
<td>C: (Comparison)</td>
<td>Comparing the three preps: Chloraprep/Duraprep/Betadine</td>
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<tr>
<td>O: (Outcome)</td>
<td>Better infection control</td>
</tr>
<tr>
<td>(t): (Time)</td>
<td>Each and every patient</td>
</tr>
</tbody>
</table>

*Due February 31st with signed approval by leader/manager PICO(t) topic*

Discussed with and Approved by Nurse Leader

Print: Melissa Rose  Signature: Melissa Rose  Date: 3-7-18

Additional notes:

- Clean contaminated surgeries

Search terms:

Evidence: Summarize key findings and cite (APA format) – three sources

- 813 patients studied in two groups; Chlorhexidine - alcohol / povidine- iodine.

  - Over all - lowest SSI rate w/ Chlorhexidine.
    - Total surgery - 12.5% (chlor), 20.5% (povidine)
    - Non-total surgery - 1.8%, 6.1%.

  - Decreased risk of infection by 41% - Chlorhexidine - alcohol
Basics of Infection Prevention

- Hand washing
- Decrease "traffic" in OR
- Antibiotic use
- Clipper hair removal
- Temperature regulation
- Whole team accountability

As a whole, chlorhexidine shows the greatest protection against infections - giving immediate bactericidal effects and lasts hours after application.

Note proper application must be practiced to be fully effective.

Conclusion/Recommendations:

Always practice basic asepsis along with making decisions for each patient/surgery.

Ideas/suggestions for next steps:

Always evaluate each situation. Keep whole team aware and accountable.

Identify your collaborative partners if you were to follow this through to next steps:

Talked with Melissa - we have had a Chloraprep review proper application in an Inservice for the O.R. team.

"Due April 31" completed template (scan to brenda.monnot@ascension.org)