Improving IV Site and IV Fluid/Antibiotic End Time Documentation in the Observation Unit

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Goal Statement: To improve IV site and IV fluid/antibiotic end time documentation compliance to 100%.

PLAN
February 2017, Unit-based Practice Council identified a PI project to reduce lost charges due to incomplete documentation of IV site and IV fluid/antibiotic end time.
Planned interventions:
• Modification of handoff report sheet
• Education/reminders to nurses
• Net Page reminders
• IV pump alerts

ACT
Desired improvement achieved with continuation of successful interventions:
• Hardwire use of modified handoff report sheet
• RN’s to communicate pending IV solution end times every shift
• Include reminders in shift huddles by resource RN’s
• RN’s to discontinue IV medication in electronic health record before transfer, surgery, and at discharge
• Net Page by APs every four hours to document IV site & IV bag end time
• IV Pump set to alert nurses at the end of infusions
• Monitor documentation audits to ensure compliance maintained

DO
Mid-February through March 2017, interventions implemented:
• Handoff report sheet modified to include designated lines for IV end time documentation
• RN’s encouraged to communicate pending IV solution end times every shift
• Education/reminders provided in daily huddles by resource RN’s
• RN’s instructed to discontinue IV medication in electronic health record before transfer, surgery, and at discharge
• Net Page (Text) by Unit Administrative Partner (secretary) to remind nurses every four hours to document IV site & IV bag end time
• IV Pump set to alert nurses at the end of infusions

CHECK

<table>
<thead>
<tr>
<th>Month</th>
<th>IV Fluid/Antibiotic Site Documented (%)</th>
<th>IV Fluid/Antibiotic End Time Documented (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct-Dec 2016</td>
<td>52.4%</td>
<td>14.3%</td>
</tr>
<tr>
<td>Jan-Mar 2017</td>
<td>80.1%</td>
<td>36.5%</td>
</tr>
<tr>
<td>Apr-Jun 2017</td>
<td>71.7%</td>
<td>54.8%</td>
</tr>
<tr>
<td>Jul-Sep 2017</td>
<td>100%</td>
<td>93.3%</td>
</tr>
<tr>
<td>Oct-Dec 2017</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

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