SPS RECOMMENDED BUNDLES

To jump to a specific bundle, simply click on the link below:

Adverse Drug Events
SPS Recommended Bundle

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Hospital Acquired Condition: ADE

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I. **Background**

ADE (Adverse Drug Events) is the 8th largest contributor to harm caused across the SPS network. These events include levels 6-9 or F-I. In 2011, approximately 15 children were harmed each month across the Phase I SPS hospitals. The team formed in May of 2012 to develop strategies consistent with high reliability concepts to reduce harm caused by ADEs.

II. **Bundle Strategies - Overview**

**Develop Delivery System Intervention Bundle**

1. Identifying High Harm Events
2. Review and catalog last 20 F & higher / 6-9 (NCC MERP Scale) ADE Events
3. Identify which medication delivery system the failure occurred
   - a. Ordering
   - b. Pharmacy
   - c. Administration
   - d. Monitoring
4. Determine top 1-2 factors that are common across those events (ie. Phase, Drug, Location, Failure mode, etc.)
5. Develop & Report 2-3 interventions (Hospital Specific Bundle)
6. Track impact on Hospital’s 6-9 events

III. **Bundle Elements – Evidence**

**Grade of body evidence: LOW**
IV. Bundle Elements – Standards of Care
To be developed at future data

<table>
<thead>
<tr>
<th>Bundle Element</th>
<th>Standards of Care</th>
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<tbody>
<tr>
<td>Identifying High Harm Events</td>
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<td>Track impact on Hospital’s 6-9 events</td>
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</table>

V. Measurement- Bundle Reliability

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Formula</th>
<th>Recommendations</th>
<th>Reporting Period</th>
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</thead>
<tbody>
<tr>
<td>Delivery System Intervention Bundle</td>
<td>Number of audits totally compliant with system failure bundle / Number of audits completed* x 100</td>
<td>*Apply formula to your hospital bundle elements.</td>
<td>Monthly</td>
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</tbody>
</table>

*Apply formula to your hospital bundle elements.
VI. Tools
We have asked hospitals for some of their spotlight tools, and have highlighted a few in this folder. The highlighted categories are: Bundle Measure Methodology, PDSAs and Interventions, Risk Assessment, Training, and Failure Analysis.

Please click here to view the SHINE report.

VII. References


6. Unpublished, non-peer-reviewed consensus documents – CHCA, CDC

VII. Revision History

<table>
<thead>
<tr>
<th>I. Version</th>
<th>Primary Author(s)</th>
<th>Description of Version</th>
<th>Date Completed</th>
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<tr>
<td>Version 1</td>
<td>Katie Hilbert</td>
<td>Initial Draft</td>
<td>7-Nov-2012</td>
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<tr>
<td>Version 2.0</td>
<td>Jason Bailey</td>
<td>Addition of sections III, IV &amp; V</td>
<td>5 Feb 2013</td>
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