Standardize 4 Safety Webinar Series

1. Background and purpose of the Standardize 4 Safety Initiative – Let's go back in time
2. A look at current and future S4S medication lists – Where are we now?
3. How the S4S lists are being evaluated – What does the data say?
4. Challenges with implementation of the S4S Initiative – Jumping over the hurdles
5. How to ensure successful implementation of the S4S initiative – Gather your tools
6. Implementation of the S4S Initiative at an [Academic Medical Center] – An adoption story

Implementing Standardize 4 Safety Standards in Your Institution

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Chief Clinical Officer Bainbridge Health
ASHP and Bainbridge Health Collaboration

- Goal of collaboration: to enhance the distribution, adoption, and sustainability of the Standardize 4 Safety Initiative
- Bainbridge Health unlocks the full value of intravenous medication data from infusion pumps to improve safety, drive standardization, and scale scarce clinical resources

Press Release

ASHP Innovation Center and Bainbridge Health Collaborate to Improve Patient Safety, Increase Use of Standardized Medication Concentrations in Health Systems

Learning Objective

- Use implementation science principles for an effective adoption of Standardize 4 Safety concentrations

Credits: ASHP Medication Safety S4S workgroup toolkit
The Science of Implementation

- Let it happen
  - 14% adoption after 17-20 years

- Help it happen

- Implementation Science
  - 80% adoption after 3 years


Pre-implementation Work

Establish Purpose

- Improve patient safety by reducing the risk of medication error
Pre-implementation Work: Self assessment

- Needs
  - Do you have medication error reports related to medication concentrations supporting the need

- Resources
  - What is needed to implement S4S: Data, related information, providers, technologies, committees

  - Standard concentration lists/policies
  - Hospital formulary
  - Purchasing information
  - Prescribing records
  - Compounding records (master formula, compounding data)
  - Smart pump library

  - Medication Safety Committee
  - Patient Safety Committee
  - Pump Governance Committee
  - Sterile Compounding Committee
  - Pharmacy and Therapeutics Committee
  - Anesthesia and/or Perioperative Services

Pre-implementation work: Self assessment

- Fit
  - How does it align with mission, vision, goals, values, strategic plan and initiatives

- Capacity
  - Ability to and time to implement based on workload, competing priorities
  - Identify and recruit supportive stakeholders

- Readiness
  - Internal
    - Openness and readiness for change
  - External
    - Joint Commission Medication Management Standards
    - Best Practices
Implementation Planning

- Standard concentrations gap analysis
  - ASHP Standardize 4 Safety
- Convene Standardize 4 Safety workgroup
  - Important stakeholders
  - Oversight committee(s)
- Develop an Implementation Plan

<table>
<thead>
<tr>
<th>Organization Specifics</th>
<th>Assessment</th>
<th>Action</th>
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<tbody>
<tr>
<td>Organizational structure</td>
<td>Key practitioners to consult for the specific med/concentration?</td>
<td>Identify policies/practices impacted</td>
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<td>What formulary changes are needed?</td>
<td>Request changes to formulary</td>
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<td>Align smart pump libraries and EHR/CPOE</td>
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<td>Procurement</td>
<td>What is purchased?</td>
<td>Consult with purchasing/buyers</td>
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<tr>
<td>Prescribing</td>
<td>How is it ordered?</td>
<td>Update CPOE entries and order sets</td>
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<tr>
<td>Compounding</td>
<td>How is it made?</td>
<td>Update master formula and compounding records</td>
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<tr>
<td>Administering</td>
<td>How is it given?</td>
<td>Review and approve with pump governance group</td>
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<td>Implement pump library changes</td>
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<td>Education</td>
<td>Who is affected?</td>
<td>Notify prescribers, nurses, and pharmacy staff of changes</td>
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<td>Update policies/procedures/formulary</td>
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<tr>
<td>Compliance/Quality Assurance</td>
<td>Are alternate concentrations in use?</td>
<td>Measure and address compliance, identify and resolve any unanticipated issues</td>
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Implementation and Adoption

- Standard process
  - Inform
  - Educate
  - Establish what data collected will demonstrate effectiveness of changes
- Provide readily available assistance, support and coaching

Evaluate and Improve

- Measure
  - Patient safety
  - Patient outcomes and appropriateness of decisions
  - Level of adoption
  - Cost
- Join the national discussion and provide feedback
- Process for updating as evidence and therapies change
Questions & Feedback

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www.ashp.org/standardize4safety