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







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

1/13/2022 Press Release

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







Learning Objective

- Discuss how members can give feedback to ASHP on the S4S initiative and medication lists
- Provide some preliminary data on adoption of lists





S4S - Adoption and Feedback

- Bainbridge Health Infusion Pump Data Network
- Direct communication to ASHP
 - Submit a comment/join the initiative: https://www.ashp.org/pharmacy-practice/join-the-initiative
- Join an online community of adopters
 - S4S Connect Community (Non-ASHP members may register as authenticated users): https://connect.ashp.org/communities/community-home?communityKey=5518d248-1b6b-4b4a-8a41-ee69f4f0693b
- ASHP S4S Standardized Concentration Interactive Checklist





Bainbridge Health Infusion Pump Network

111
Inpatient Sites

30,000+
Beds In Network

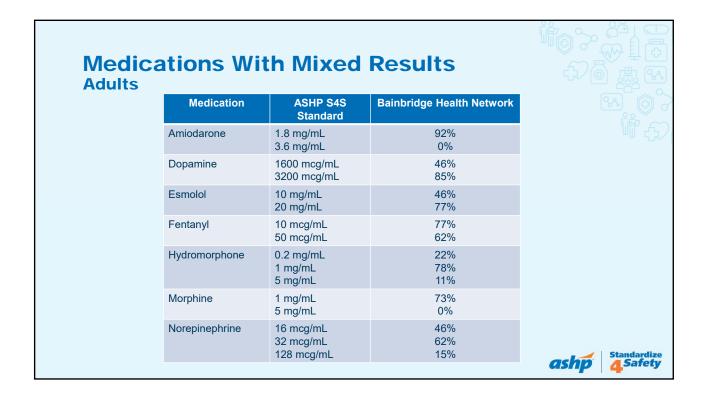
42,000+
Pumps in Network

817 million
Infusions Records
Captured





Medications With High Adoption Adults Medication **ASHP S4S Bainbridge Health Standard Network** 1 mg/mL 99% Argatroban Dexmedetomidine 4 mcg/mL 99% Diltiazem 1 mg/mL 100% Insulin 1 unit/mL 100% Midazolam 1 mg/mL 92% Milrinone 200 mcg/mL 100% Propofol 10 mg/mL 99% ashp



Medications With Lower Adoption Adults

Medication	ASHP S4S Standard	Bainbridge Health Network
Epinephrine	20 mcg/mL 40 mcg/mL	21% 21%
Furosemide	2 mg/mL 10 mg/mL	31% 46%
Lorazepam	1 mg/mL	33%
Nicardipine	0.1 mg/mL 0.5 mg/mL	54% 0%
Phenylephrine	80 mcg/mL 400 mcg/mL	0% 29%





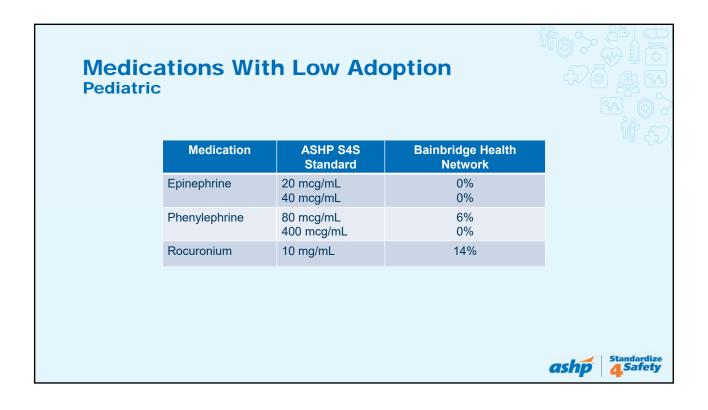
Medications With High Adoption Pediatric

Medication	ASHP S4S Standard	Bainbridge Health Network
Argatroban	1 mg/mL	100%
Dexmedetomidine	4 mcg/mL	100%
Insulin	1 unit/mL	100%
Propofol	10 mg/mL	100%





Medications With Mixed Results Pediatrics Medication **ASHP S4S Bainbridge Health Network** Standard Alprostadil 5 mcg/mL 39% 78% 10 mcg/mL 10 mg/mL 88% Esmolol 20 mg/mL 69% 10 mcg/mL 90% Fentanyl 50 mcg/mL 76% 50 unit/mL Heparin 41% 100 unit/mL 82% Midazolam 0% 0.03 mg/mL 1 mg/mL 95% 5 mg/mL 50% Morphine 0.04 mg/mL 0% 0.5 mg/mL 28% 1 mg/mL 89% Nicardipine 0.1 mg/mL 61% 0.2 mg/mL 50% 0.5 mg/mL 55% ashp



Where do we go from here?

- ASHP S4S Standardized Concentration Interactive Checklist
- Standardize 4 Safety Advisory Panel
- Join the Bainbridge Health Infusion Pump Network





