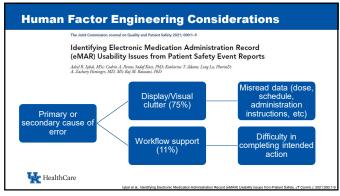


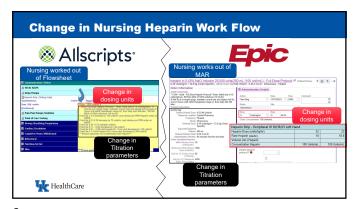


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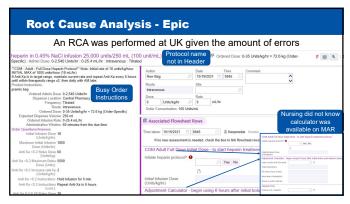


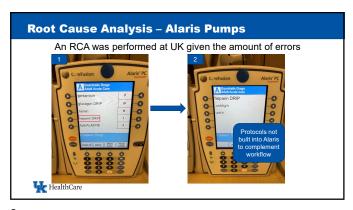


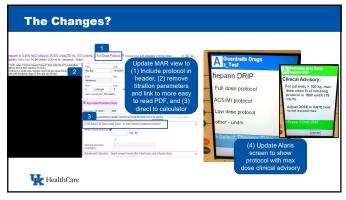




Increased Amount of Reported	Errors
Bedside rounding in response to reported errors has identified more errors then what's being reported Most commonly reported errors Initiating above max initial rate stated in order Wrong dosing units (i.e. flat dosing instead of weight based) Incorrect titration of drip	Order Information Access Institution Access
HealthCare	Anti-Xia 0.2-0.29 1 Increase rate by (UnksAg0n):







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Summary of Changes Made

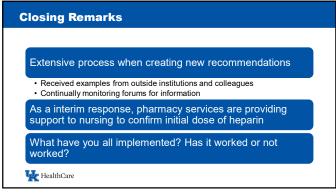
- Add protocol name to MAR header
 HFE Cognitive Engineering Principle
 Remove titration parameters from MAR and link easier to read PDF
 - HFE Universal Usability (8 Golden Rules)
- 3. Adjusted Alaris Pump menu to include protocol name and clinical advisories
 - HFE Cognitive engineering principle
- Rework calculator to make more obvious to end-user
 HFE Heuristic Principle (Minimize cognitive load)
- Extensive education on new pump entries, re-worked calculator, and heparin protocol through nursing blitz and WBTs

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Monitoring Plan Still in the beginning stages. The enterprise is working on implementation Now with better Alaris functionality, we are planning to track which protocol is being selected and compare with the rates that were initiated on the pump

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₩ HealthCare





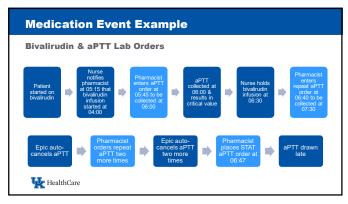


Overview

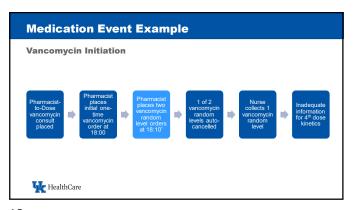
- Describe medication events related to cancelled labs
- Discuss collaboration between Epic support team, pharmacy department, and laboratory department to identify and resolve issue.
- Provide our institution's temporary solution to the issue and identify next steps



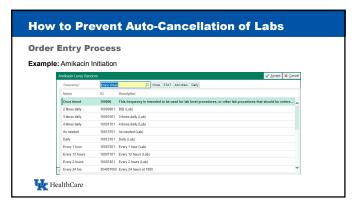
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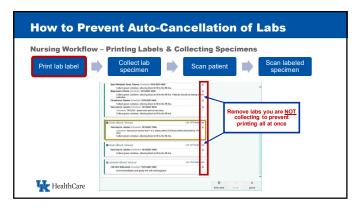


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Interdisciplinary Collaboration		
Epic Support Team, Pharmacists, Lab Technicians Sources of Lab Auto-Cancellation:		
Order Entry (Duplicate) No unique identifiers for labs being ordered Example: two random vancomycin levels	Order Entry (Timing) • Same lab order being placed within 60 minutes of previous lab resulting	Printing Lab Labels Simultaneously • Epic thinks you are collecting specimen you just printed labels for
₩ HealthCare		





Next Steps

- Education provided to Pharmacy Department at monthly meeting
- Reinforce nursing education about appropriate lab label printing
- Incorporate "Once timed" button to appear by default on ordering screen



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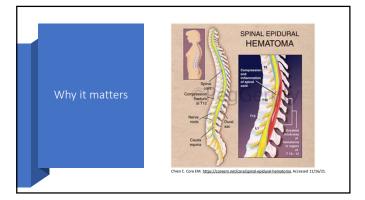
Strategies to reduce risks associated with epidurals and antithrombotic agents

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Katie Ruf, PharmD, MBA
UK HealthCare- Department of Pharmacy
Lexington, KY

HealthCare

Background
The use of epidurals for pain management after major surgery is becoming more common.
The use of epidural catheters comes with specific considerations for patients that require antithrombotic agents.
American Society of Regional Anesthesia and Pain Medicine (ASRA) publishes guidelines related to the use of antithrombotic agents and epidural catheters.
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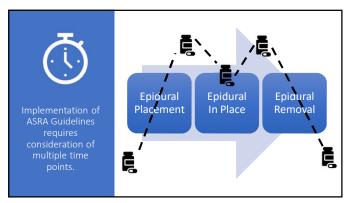
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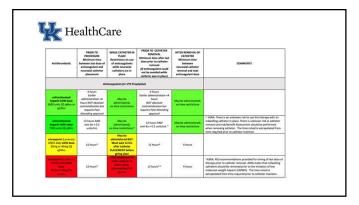
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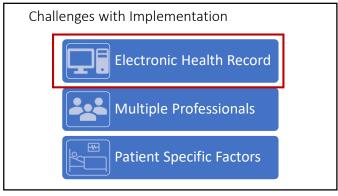


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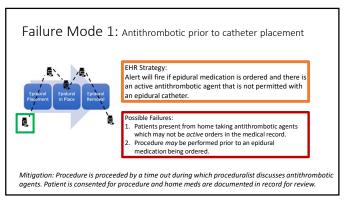








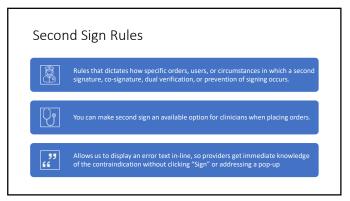
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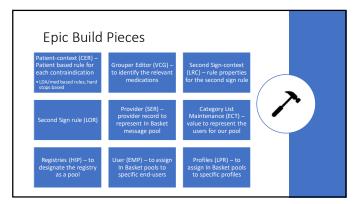


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Failure Mode 2: Antithrombotic after catheter placement and while catheter in place

EHR Strategy:
A set of second sign rules that prevent ordering of contraindicated antithrombotic in the presence of epidural catheter or medication orders.







Failure Mode 2: Antithrombotic after catheter placement and while catheter in place

Possible Failures:

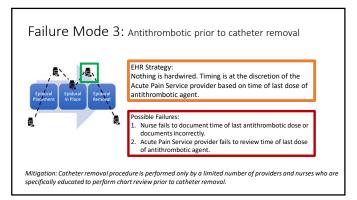
1. Delay in care if patient requires antithrombotic for emergent indication.

2. In-basket acknowledgement by Acute Pain Service provider could be delayed.

3. Failure to document epidural catheter procedure would prevent optimal firing of second-sign rule.

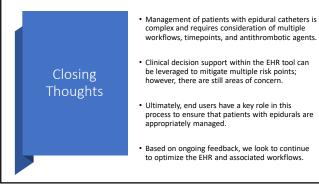
Mitigation: Acute Pain Service providers will be educated on process and importance of catheter documentation at time of placement and removal.

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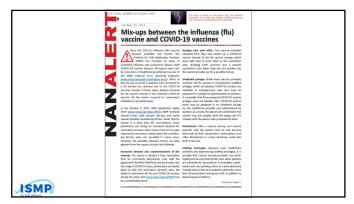
Failure Mode 4: Antithrombotic after catheter removal EHR Strategy: As with Failure mode 2, the medication will require a second sign by the Acute Pain Service if not appropriate to give based on timing of catheter removal. Possible Failure: Primary team that is requesting the antithrombotic must remember to enter the dose after the appropriate amount of time has elapsed. There are no 'reminders' in the EHR or ability to 'future schedule'. Mitigation: Providers are encouraged to use the handoff tools to remember to place order at appropriate time.











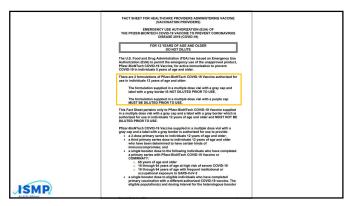


COVID-19 vaccine error types

- $-\,$ Ages 12-up receiving vaccine appropriate for ages 5-11 (10 mcg/0.2 mL rather than 30 mcg/0.3 mL).
 - Some have been mix-ups between unlabeled syringes intended for one age group but mixed-up with the other
 - Some have involved vaccinators not aware of proper dose
- 5- to 11-year-old receiving 30 mcg/0.3 mL instead of 10 mcg/0.2 mL.
 - \bullet Some have been with diluted 30 mcg/0.3 mL thought to be proper use
 - Some are 0.1 mL doses
 - \bullet Some due to vaccinator not being aware of dose difference for 5-11 y

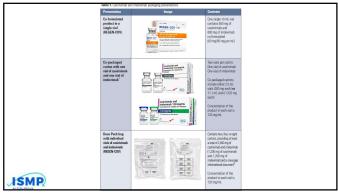


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Questions?



- A copy of today's slides will be posted on our website
- Next MSOS Briefing date January 27, 2022.

 Register:

https://ecri.zoom.us/webinar/register/WN_yXOM9MJGTCuZj_XasljAAg

