

ISMP Targeted Medication Safety Best Practices for Hospitals 2020-2021

BEST PRACTICE 4: (REVISED)

Ensure that all oral liquid medications that are not commercially available in unit dose packaging are dispensed by the pharmacy in an oral syringe or an enteral syringe that meets the International Organization for Standardization (ISO) 80369 standard, such as ENFit.

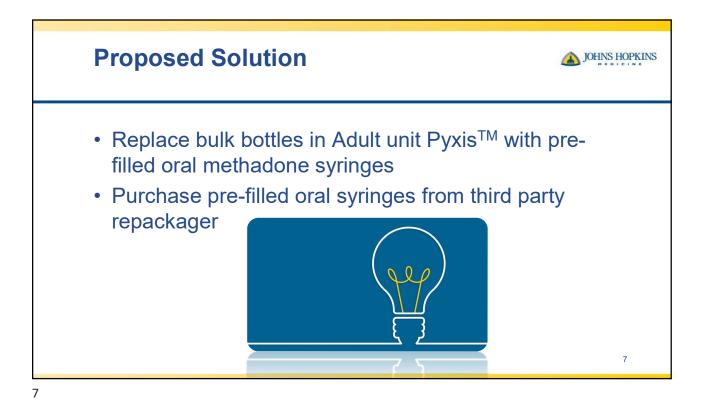
Do not stock bulk oral solutions of medications on patient care units.

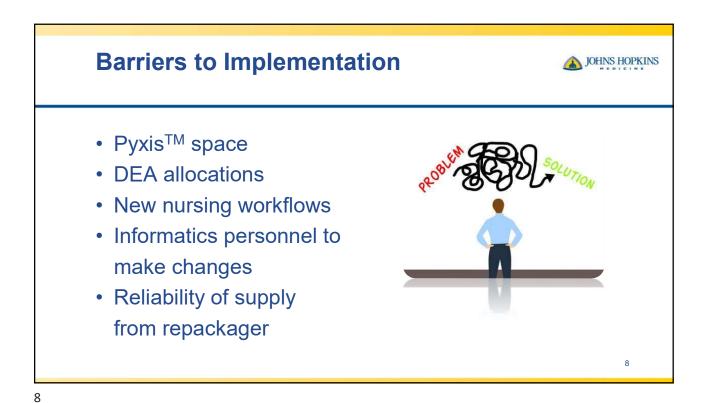
- Use only oral syringes that are distinctly marked "Oral Use Only."
- When ISO 80369 compliant syringes (e.g., ENFit) are used for administration of oral liquid medications, always highlight on the pharmacy label, or affix an auxiliary label, "For Oral Use Only" on the syringe.
- Ensure that the oral/enteral syringes used do not connect to any type of parenteral tubing used within the organization.

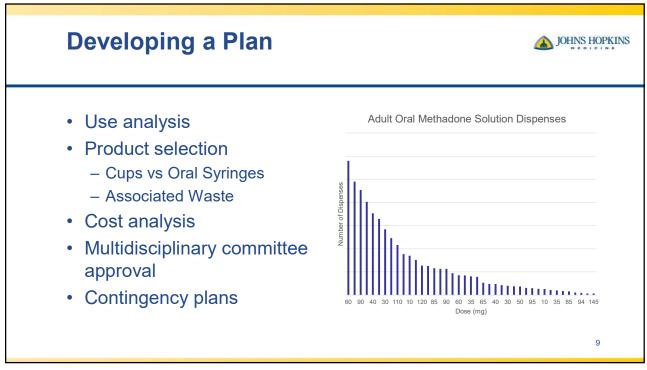
Exception: If the pharmacy is employing unit dose packaging automation that does not use oral syringes, unit dose cups/bottles may be provided in place of oral syringes. However, ensure that oral or ISO 80369 compliant syringes (e.g., ENFit) are available on nursing units in case patients cannot drink the medication from the cup or bottle.

5/27/2021

JOHNS HOPKINS



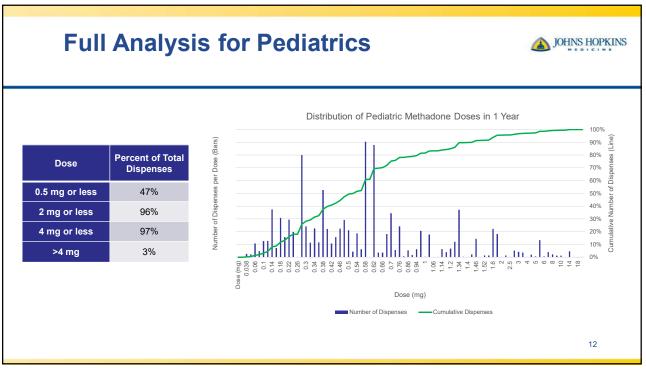


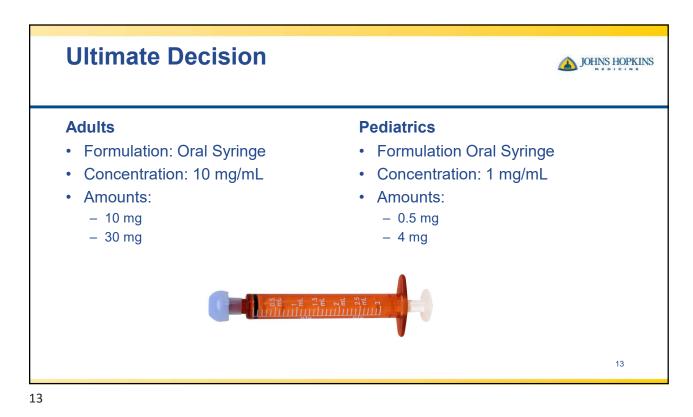




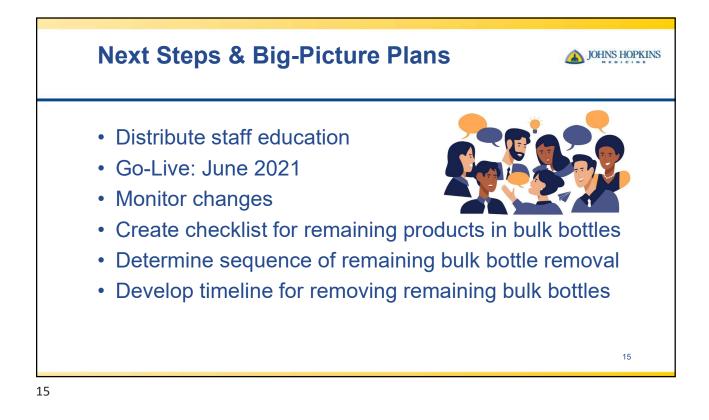


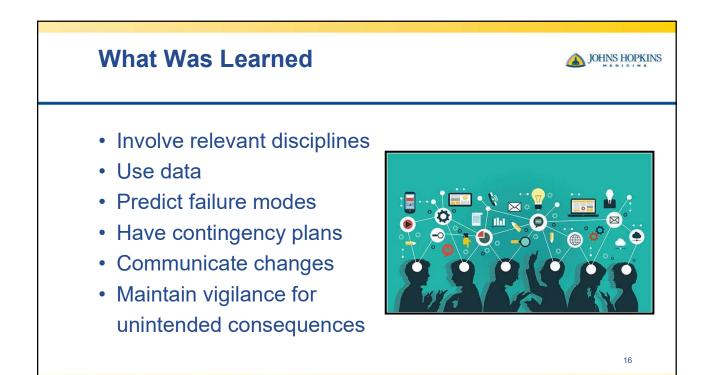


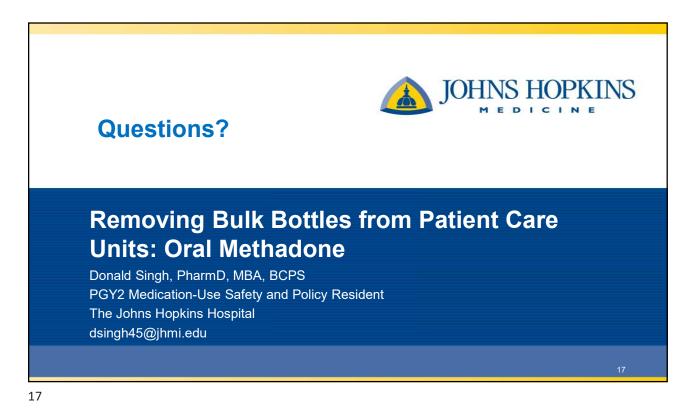


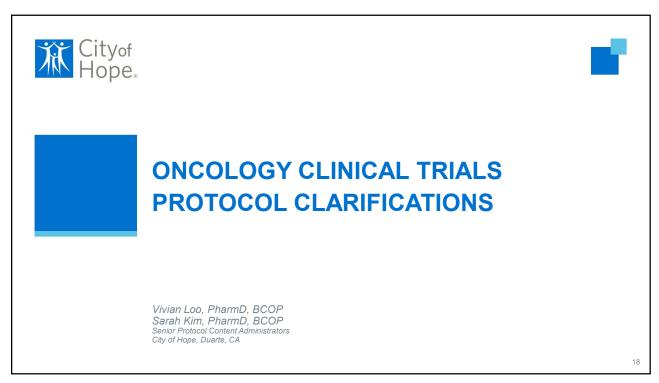


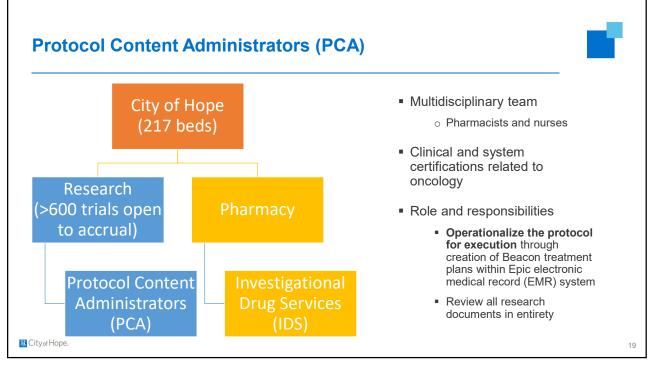


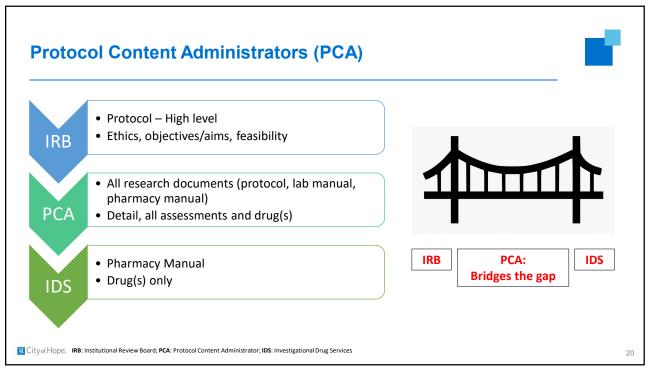


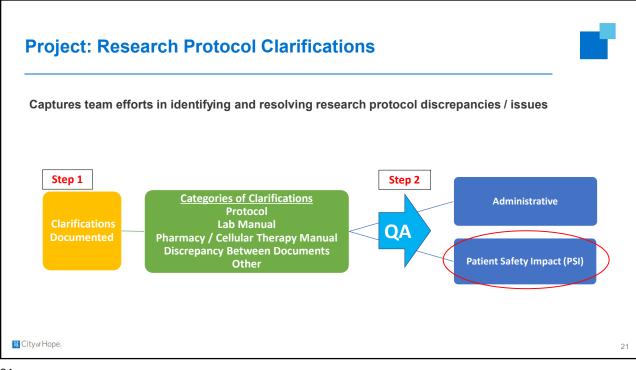


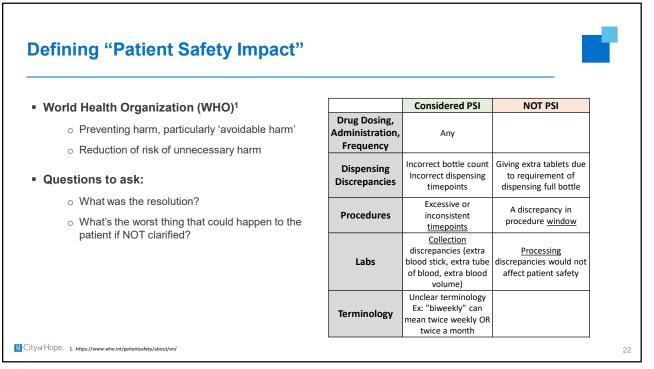


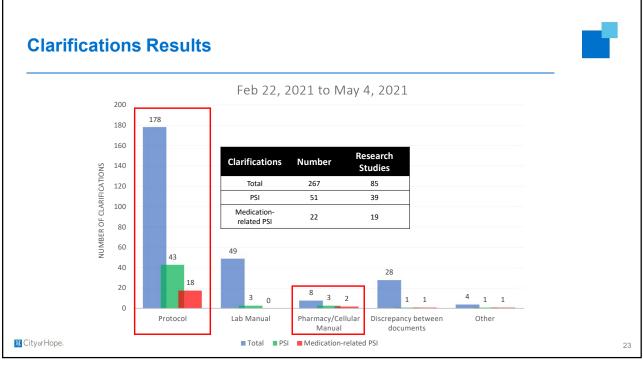






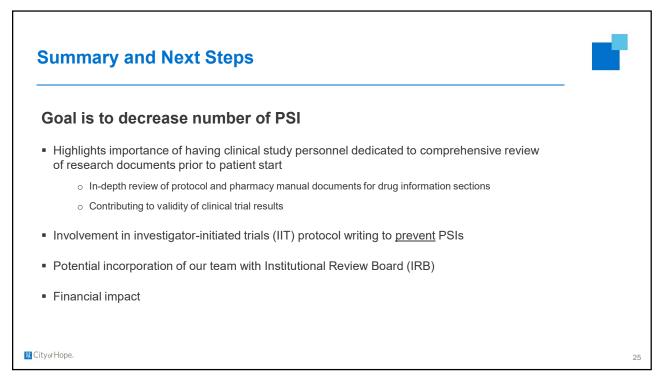


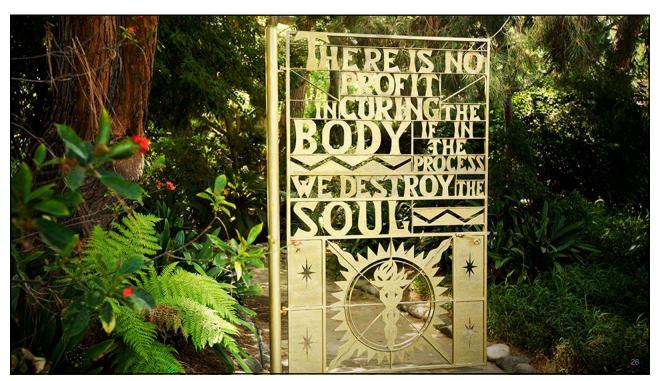


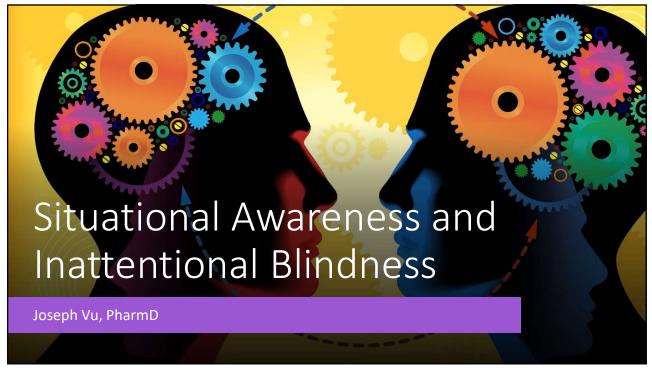


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| Type of Medication-Related PSIs | Number (%) | Examples |
|------------------------------------|------------|---|
| Drug Dosing | 7 (32%) | Inconsistent weight-based dosing guidance Allowable pediatric intrathecal drugs unclear Nivolumab dosing only notes GREATER than or LESS than 18 years old Dose-reducing fosaprepitant due to DDI with encorafenib |
| Drug Frequency | 7 (32%) | Start, stop, duration, schedule of therapy |
| Drug Administration | 6 (27%) | Method of rinsing transplant cells in IV bag at end of infusion Infusion duration discrepancy Allowable pre-medication agents Infusion-related reaction management |
| Drug Dispensing | 2 (9%) | Incorrect # bottles to dispense Drug dispensed every 3 cycles, but patient is evaluated for continuation each cycle |

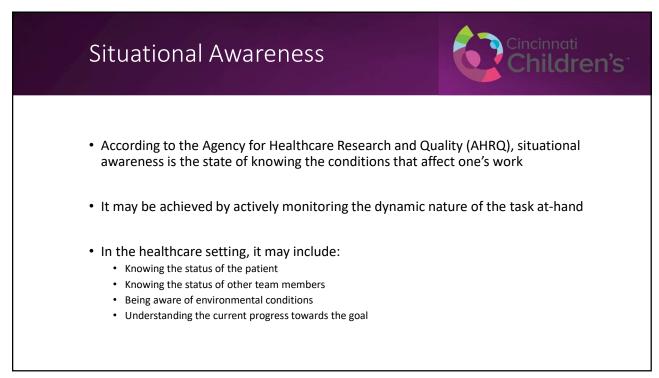




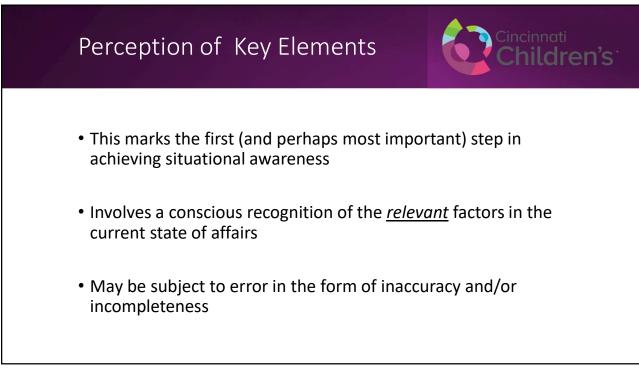


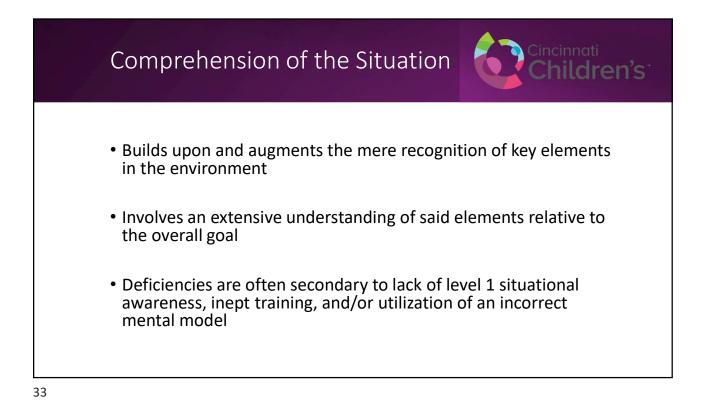
| Learning | Objectives Cincinnati |
|------------|--|
| [| |
| Understand | Understand the general concept behind situational awareness and explain the three-level model as proposed by Endsley (1995) |
| Compare | Compare situational awareness to inattentional blindness and assess the dynamic relationship of these in the healthcare setting |
| Discuss | Discuss situational awareness practices/strategies that have been integrated in daily workflow to mitigate the risk of inattentional blindness |
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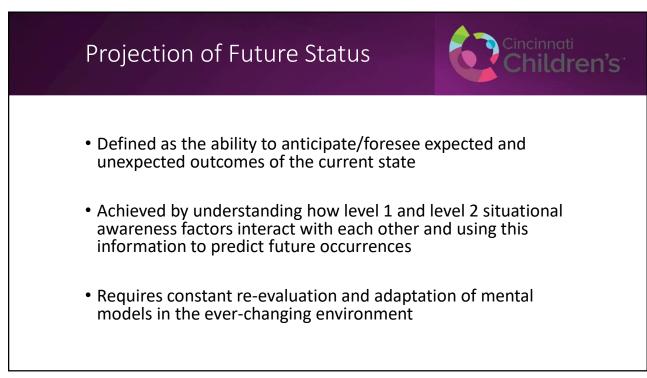
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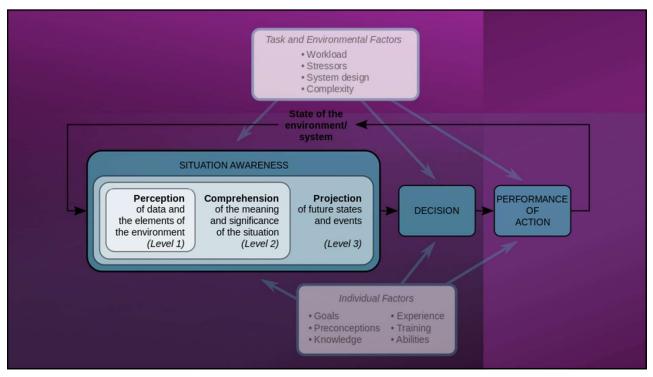


| Thre | e Primary Levels | ł | Cincinnati Children's |
|--------|--|-----------|--------------------------|
| | ndsley, a former Chief Scientist developed a theory for situation | | |
| Her th | ree-level model was comprised | of: | |
| 1. | Perception of key elements in the en | vironment | |
| 2. | Comprehension of the current situat | ion | |
| 3. | Projection of future status | | |
| | | | |
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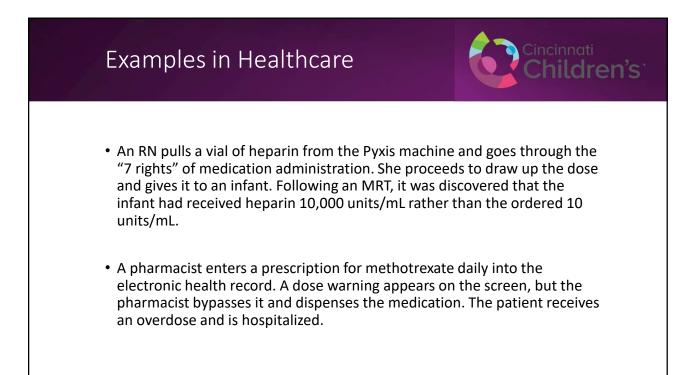
Inattentional Blindness

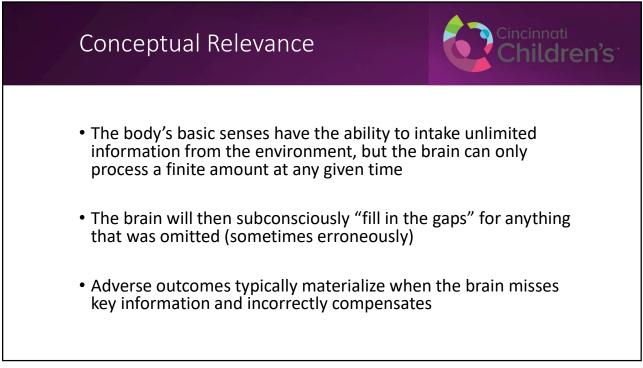


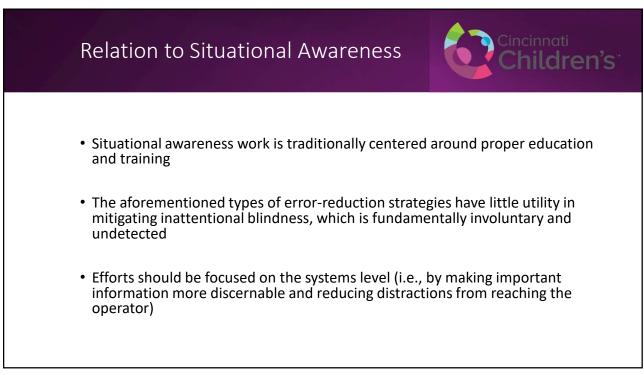
- Failure to perceive a variable that is in plain sight secondary to directed focus elsewhere; the antithesis to situational awareness
- Often occurs because said variables are not expected – they do not fit the mental model currently in use
- "Humans have a finite amount of attention... We were not made to multi-task!"

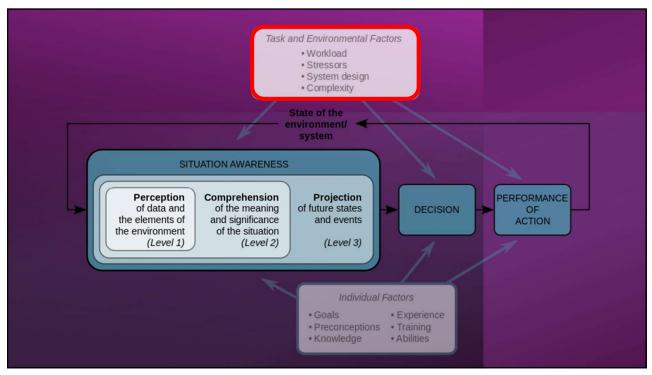


The Invisible Gorilla: Simons & Chabris (1999)

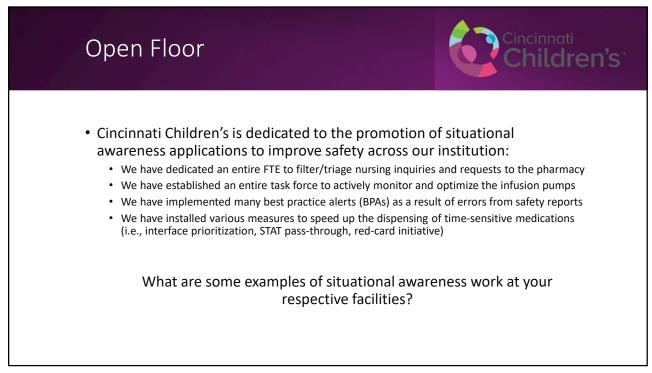






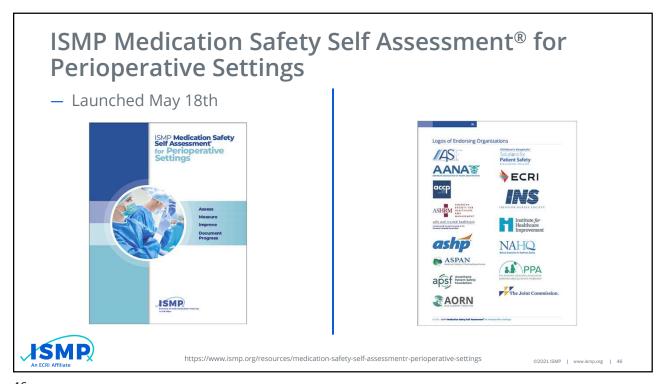


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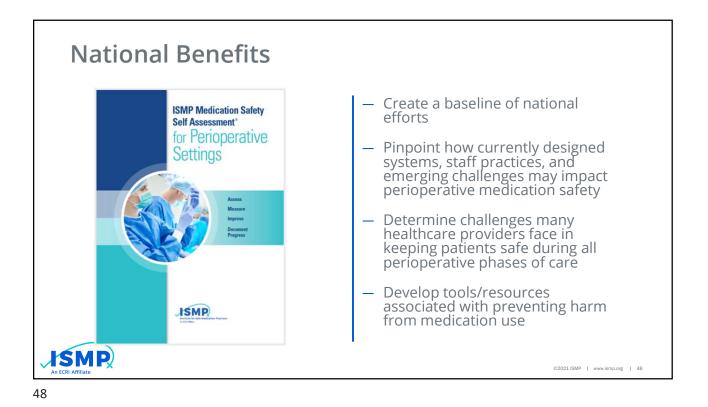












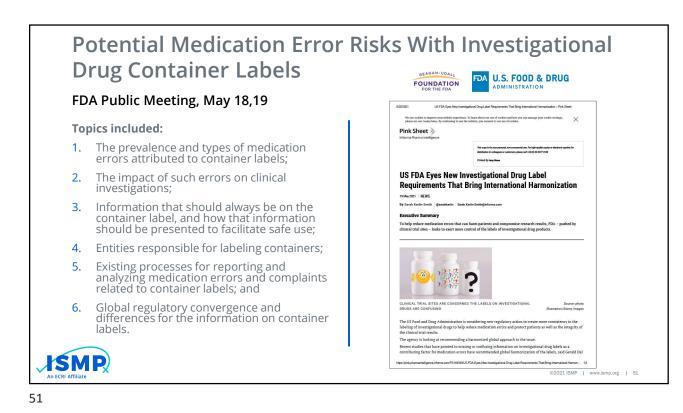


Endorsing Organizations

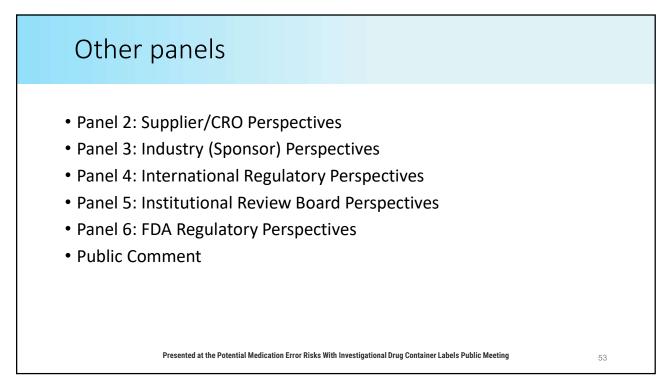
- American Association for Accreditation of Ambulatory Surgery Facilities (AAAASF)
- American Association of Nurse Anesthetists (AANA)
- American College of Clinical Pharmacy (ACCP) Perioperative Care Practice and Research Network (PRN)
- American Society for Health Care Risk Management (ASHRM)
- American Society of Health-System Pharmacists (ASHP)
- American Society of PeriAnesthesia Nurses (ASPAN)

- Anesthesia Patient Safety Foundation (APSF)
- Association of periOperative Registered Nurses (AORN)
- Children's Hospitals' Solutions for Patient Safety (SPS)
- ECRI
- Infusion Nurses Society (INS)
- Institute for Healthcare Improvement (IHI)
- National Association for Healthcare Quality (NAHQ)
- Pediatric Pharmacy Association (PPA)
- The Joint Commission (TJC)

ISMP







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Investigational product related issues- ISMP-2018

- License plate type product ID
- Changing product names not reflected on labels/protocols
- Unlabeled products
- Bulky "naked" boxes
- Missing, confusing or unnoticeable drug names
- Missing or hard to find strength
- Missing formulation
- International labels; multilanguage text
- Small font size; no differentiation of text
- Unsafe abbreviations and dose expressions
- Missing lot #'s and expiration dates
- No unit dose packaging for oral studies
- Multiple strengths of tablets-same color, size and shape

Presented at the Potential Medication Error Risks With Investigational Drug Container Labels Public Meeting



Some injectable investigational drugs that are light sensitive are packaged individually in bulky unlabeled white boxes that must be labeled by the clinical site prior to storage.



This investigational drug is identified by the protocol number only, although it has been assigned a generic name (tipifarnib). Also, the strength of the product (100 mg) can only be found below the peel-off label, although the drug is available in multiple strengths.

