



Riley Hospital for Children
 Indiana University Health
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 Pediatric Intensive Care Unit

12/14/2015

Eliminating Infant Harm: System-Wide Infant Fall Toolkit Innovation

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Objectives

- Discuss the identification of risk elements that contributes to fall events and targeted interventions to eliminate infant falls.
- Describe a rapid execution plan that was implemented in an obstetric department that reduced fall occurrences.

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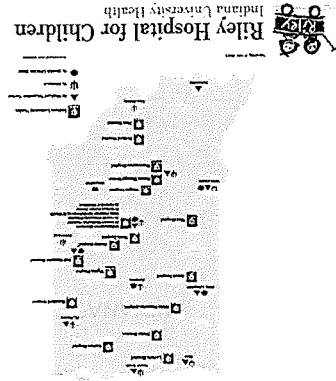
Disclosure

- We do not have conflict of interest.



Indiana University Health
Statewide System & Academic Health Center

Statewide System
17 hospitals, health centers,
partners,
affiliates and joint venture
operations



Academic Health Center
Methodist Hospital



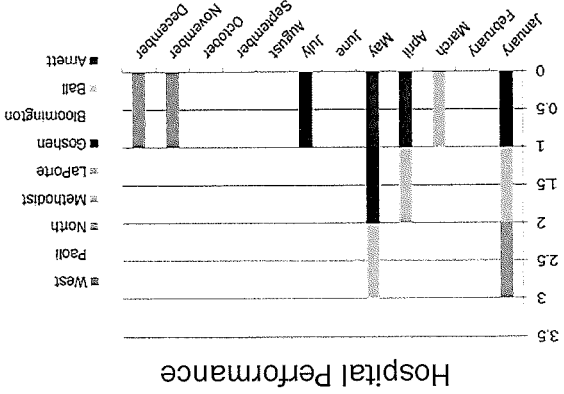
- 100,000+ annual ED patients
- 30,000+ annual inpatient admissions
- 747 beds
- 128 adult ICU/critical care beds
- Level 1 Trauma Center
- IU Health Thoracic Transplant
- ECMO & VAD programs
- IU Health Neuroscience Center
- ANCC Magnet Designation

Mother Baby Division

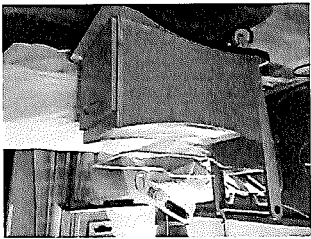
- High-risk postpartum mothers, stable antenatal patients and well newborn infants
- Delivers 3,600 infants
- Culturally diverse population
- WHO Baby-Friendly Designation
- Unit Environment
- 28-bed unit
- Infant treatment room with rooming-in service
- RN staffing ratio
 - 1:3 couplets 16 out of 24 hours per day
 - 1:4 couplets 8 out of 24 hours per day

Current State Performance

- 2014 Infant Falls
- 16 Falls across the system
- 4 Special Cause



Initial Course Correction	• Grand Rounds Presentation - Indiana University Health Women's Leaders Group - June 2014 - Review of falls year to date and discussion of standard work defenses - State-wide collaboration
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Infant Falls Toolkit	• Low Infant Bassinet Design and Trial - IU Health Methodist Mother-Baby Unit - Collaboration with Homewood Healthcare (Ohio) - Designed and trialed by IUH Methodist Hospital Mother-Baby RNs and patients - Health Foundation grant secured to purchase full complement of bassinets and changing tables for unit 
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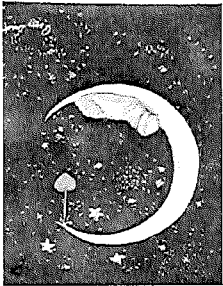
Infant Falls Toolkit

- Infant Falls Electronic Risk Assessment



- Paper trial in June 2014
- EMR build 3rd Quarter
- Low-middle-high risk designation on EMR tracking shell

- Infant Falls High Risk Identifier



- Original artwork by staff
- On patient door for high risk infant
- Visual reminder for staff

Infant Falls Toolkit

- Infant Falls Patient Education Video

- Filmed on the IUH Methodist Hospital campus
- In use in all IUH Obstetric facilities
- Patients view video on 2nd and/or 3rd night of postpartum stay (highest risk time for falls)

- Infant Falls Competency

- Education provided to Mother-Baby team at IUH Methodist Hospital campus including verification of falls defenses
- Competency repeated in other hospital facilities

Discoveries

- Obstetric facilities across the state were receptive to education and tools
- Fall events are shared across the hospital system for collective learning
 - New standard in communication
- High variation with:
 - Adoption of defenses
 - Culture of zero fall events
 - Standardization in prevention practices



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Infant Falls Standard Work





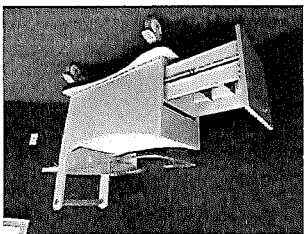
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Highly Reliable Processes

- Instead of "just an event," it is really about the patient-centered care...it is all about them"
- Risk of infant falls now woven into culture of the unit
- Mindset: It is not going to happen again



575+ days since last infant drop
280+ days since last maternal fall

Questions?
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