

PERINATAL BEST PRACTICES

ADMINISTRATIVE BEST PRACTICES MANAGEMENT PROCESSES

IHI Idealized Perinatal Design Initiative

IHI has focused on a few key areas to provide overall improvement in perinatal outcomes. The following are included within the IHI Idealized Perinatal Design Initiative:

For further information, go to www.ihi.org. In the search bar in the top right hand corner, type in perinatal. When the community page comes up, type in perinatal again in the search bar on the far left column. This will bring up this reference as well as other ideas on perinatal safety.

1. Improved Teamwork and Communication

- Training on how to be a high reliability organization/unit
- Situational awareness training
- Standardized language
- Walk-arounds to identify risks
- Huddles to intervene on potential mishaps
- Use of SBAR to communicate urgent messages
- Improved hand offs

2. Reduction in Variation

- Standardization of medications
- Use of bundles for augmentation, elective inductions, and second stage labor
- Drills/simulation training
- Credentialing and competency requirements

3. Movement from Tier 1 to Tier 2 Improvement Concepts

- Tier 1 performance is the most common performance level for most hospitals.
 - Improvement concepts focus on intent, vigilance and hard work
 - Common equipment, standard order sheets, multiple choice protocols, written policies and procedures
 - Personal checklists
 - Feedback of information on compliance
 - Suggestions to work harder next time
 - Awareness and training emphasis
 - 8-12% error rate
- Tier 2 performance moves into a more sophisticated level.
 - Use human factors and reliability science to design sophisticated failure prevention, failure identification and mitigation
 - Decision aids and reminders built into the system
 - Desired action is based on the scientific evidence and is the default
 - Redundant processes utilized
 - Scheduling used in design development
 - Habits and patterns are known and taken advantage of in the design
 - Standardization of process based on clear specification and articulation is the norm

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4. Use of Trigger Tools to Identify Adverse Events

- Triggers are clues used to measure overall harm in a health care organization over time
- 22 possible perinatal triggers
- Presence of a trigger does not mean there was harm
- Identifies adverse event as any physical harm to infant or mother, limiting the definition of adverse events to physical rather than emotional harm
- Each trigger assigned a level of harm