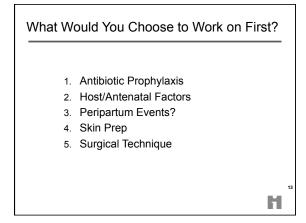
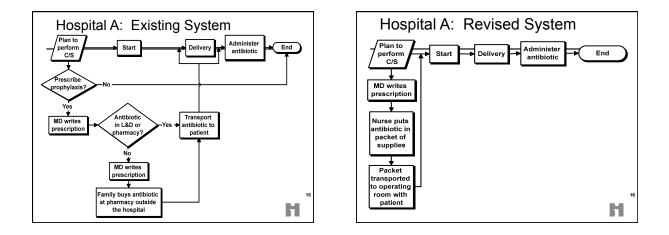


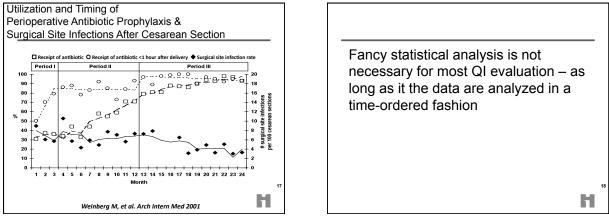
Factor	Importance	Within the capacity of hospital personnel to improve	Timeframe for improvement
Antibiotic prophylaxis	4	4	short
Skin preparation	3	4	short
Surgical technique	4	4	medium
Antenatal factors	3	1	long
Peripartum events	4	2	medium

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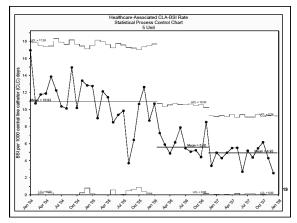
Utilization and Timing of Antibiotic Prophylaxis for Cesarean Section					
	% receiving prophylaxis	% receiving prophylaxis ≤1 hour after delivery			
Hospital A	70%	31%			
Hospital B	32%	70%			

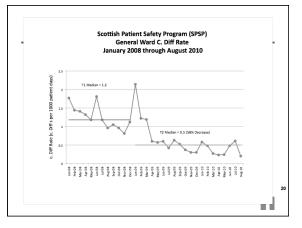


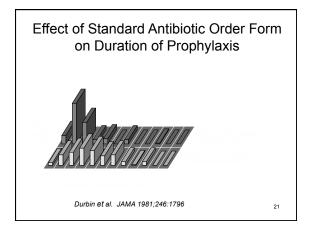


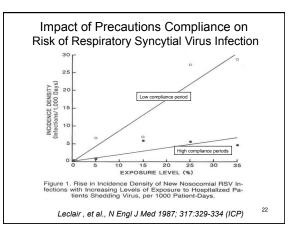


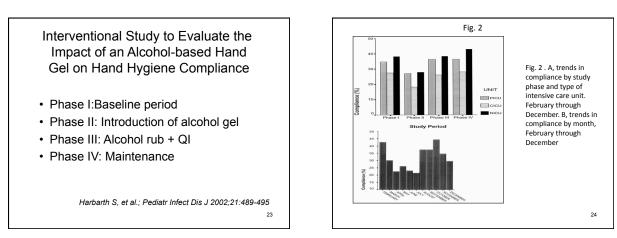
Ten Tips for Incorporating Scientific Quality Improvement Into Everyday Work Prof. Don Goldmann, Harvard Medical School A Webber Training Teleclass











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#### Effective QI?

<ul> <li>Satisfied with gel</li> </ul>	45%
<ul> <li>Gel helped with compliance</li> </ul>	42%
<ul> <li>Sticky, uncomfortable feeling</li> </ul>	53%
<ul> <li>Conveniently located</li> </ul>	57%
<ul> <li>Posters effective</li> </ul>	32%
<ul> <li>Knew there was opinion leader</li> </ul>	24%
<ul> <li>Received performance feedback</li> </ul>	68%
	25

#### Monitoring Patient Safety

- · Voluntary event reporting
- · Morbidity and mortality conferences/reports
- Chart auditing
  - IHI Global Trigger Tool
- Automated data mining
  - Patient Safety Indicators (AHRQ PSIs)
  - Automated trigger tools
- · Random Safety Audit

26

# Random Safety Audit

- Translated from industry (banking and random process audits *via* Paul Plesk)
- · Real time by the front line
- · Data and feedback virtually immediate
  - · Reliability of key safety processes evident immediately
  - Motivating, enabling, reinforcing; builds self-efficacy and social norms (key elements of behavioral change theory)
- Combines audit and feedback with iterative PDSAs
   Even better than "what can I try by next Tuesday"

# Random Safety Audit

- Systematically monitors a subset of error-prone points in the system that have the potential to harm patients
- Items selected randomly to be addressed either on
   On multi-disciplinary rounds (provider input required)
  - On multi-disciplinary rounds (provider input required – Any time during day (provider input not needed)
- · Deck can be "packed"
- 20 items developed by expert consensus for testing in NICU (21<sup>st</sup> item added later)
- 4X6 "cards" include yes/no data form; trivia question on back

28

#### Staff Perceptions Random Safety Audit

- 84% of staff participated in rounds on which audit performed
- 100% agreed or strongly agreed that this improved quality and safety
- 95% agreed/strongly agreed that it increased knowledge of clinical guidelines and safety goals
- 9% agree with statement "asking a safety question of rounds took up too much time"

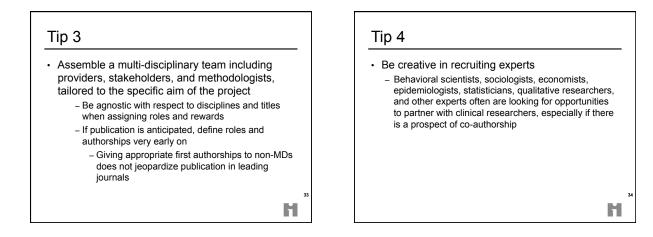


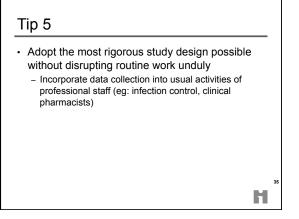
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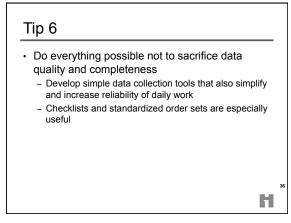
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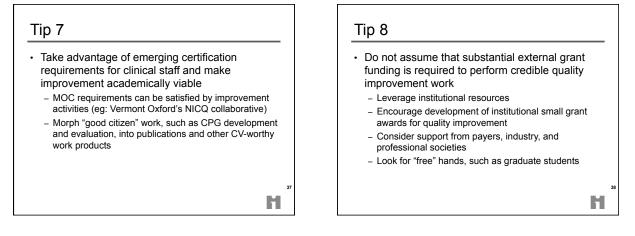
Tip 1	Tip 2
<ul> <li>Select projects that really will make a difference to providers and patients</li> </ul>	<ul> <li>Set bold, clear, measureable aims and a specific timeline for achieving them</li> </ul>
<ul> <li>Focus on clinically relevant projects that substantially improve those processes of care that are tightly linked to the outcomes of interest to providers and patients</li> <li>Think of a headline the CEO or CMO would want to feature on the organization's website</li> </ul>	<ul> <li>Think of fundamental advances that will measurably impact care and outcomes and engage clinical staff</li> </ul>
31	н

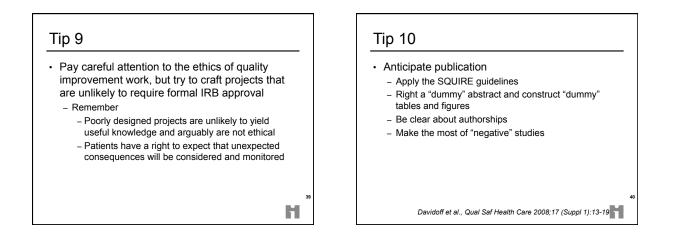






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