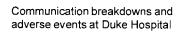


Greenberg et al, *J Am Coll Surg* 2007 Patterns of Communication Breakdowns Resulting in Injury to Surgical Patients



- 444 surgical malpractice claims
  4 liability insurers
- 60 cases with communication breakdowns resulting in harm to patient
  - Pre-op, intra-op and post-op
  - 74 verbal communications (1 transmitter, 1 receiver)
  - 60 failures to notify someone, i.e. an attending, of critical info
  - 59 responsibility ambiguity
  - 35 handoff breakdowns
- "Serious communication breakdowns occur across the continuum of care."

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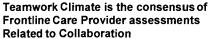




- Root Cause of Sentinel events at Duke Hospital similar to that reported to TJC
- Communication failures have resulted in harm to: - Patients undergoing surgery: wrong site
  - Patients on our medical floors and ICUs
  - Wrong medication, wrong procedure
  - Wrong newborn infant received vaccine
- Need for knowledge and tools to improve communication, collaboration and teamwork behaviors

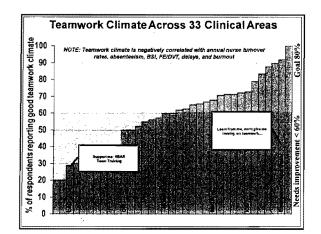
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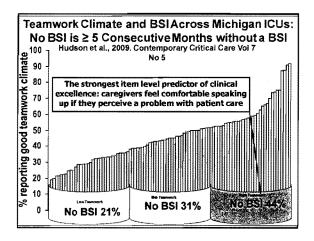
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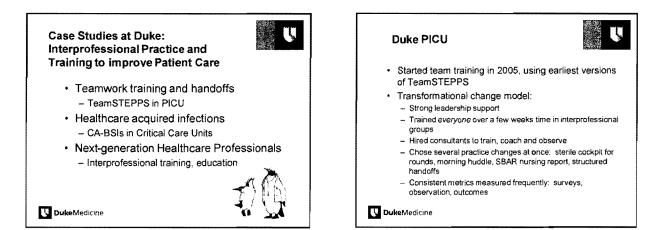


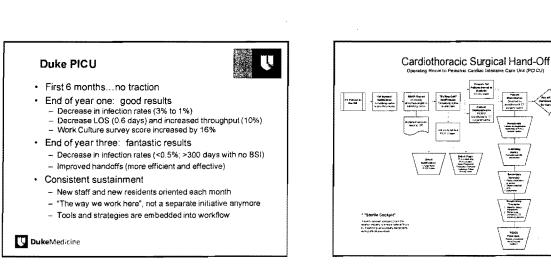
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- Example Teamwork Climate Scale Items:
  - In this clinical area, it is difficult to speak up if I perceive a problem with patient care
  - Disagreements in this clinical area are resolved appropriately (i.e. not who is right, but what is best for the patient)
  - The physicians and nurses here work together as a well-coordinated team

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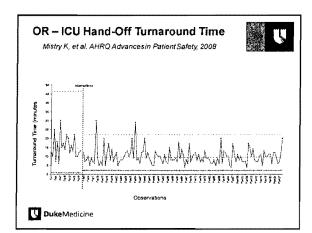


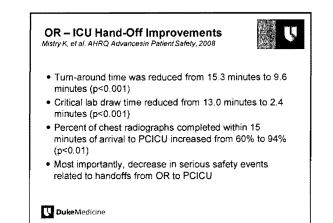


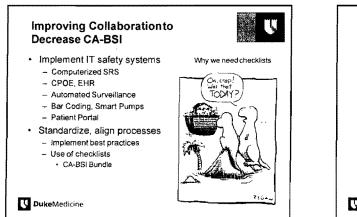


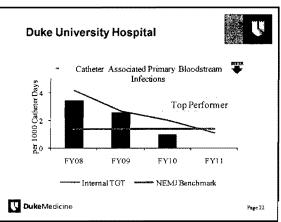


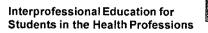
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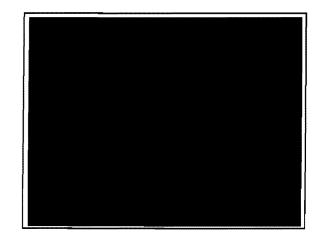


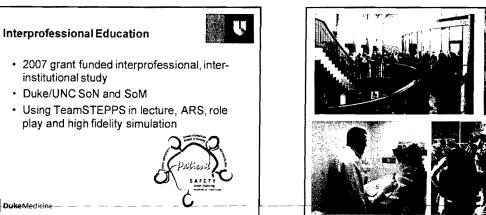
Growing body of evidence to suggest
 interprofessional collaboration and teamwork

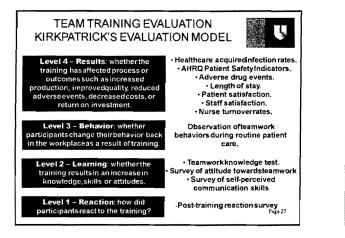
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- are important for patient safety, outcomesHow are we training next generation
- healthcare professionals?Personal experience...

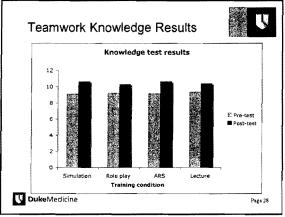
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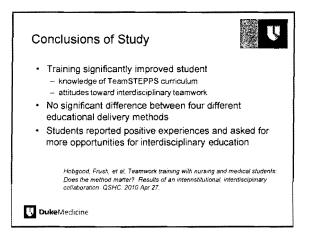




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| Pre-to-Posttest GLM Analyses of Variance |  |               |       |        |      |
|--|--|---------------|-------|--------|------|
| 2  | Evaluation Measure                             | manice        | F     | dt     | p    |
| 1  | CHIRP Attitudes - All Four<br>Cohorts          | Time          | 48.71 | 1, 370 | .000 |
|  |  | Time & Cohort | .325  | 3, 370 | .808 |
| 2  | CHIRP Attitudes - Small (A/B)<br>v Large (C/D) | Time          | 48.52 | 1, 372 | .000 |
|  |  | Time x Cohort | .068  | 1, 372 | .794 |
| 3  | CHIRP Attitudes – Sim versus<br>Role Play      | Time          | 26.03 | 1, 126 | .000 |
|  |  | Time x Cohort | 0.779 | 1, 126 | .379 |
| 4  | CHIRP Attitudes - ARS versus<br>Lecture        | Time          | 29.27 | 1, 244 | .000 |
|  |  | Time x Cohort | .273  | 1, 244 | .602 |



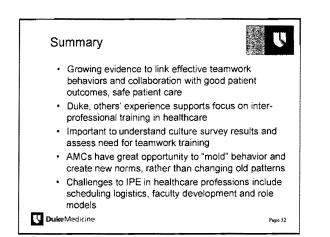
## Interprofessional Education

Duke interprofessional sessions during Capstone
 Scheduling difficulties: evening sessions

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- Team based learning; key interaction of medical and nursing students in small groups
- UNC Interprofessional Teamwork and Communication (IPT) Course
  - Semester long course; SoM, SoN, SoPh
  - Lecture, simulation, TBL; Faculty development
- Emory
  - Interprofessional team training: SoM, SoN, PA, PT
    460 students, 88 facilitators
  - Communication, Role Identity, Team Identity

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