Unnecessary Hospital Death



It's Time to Lead in Quality and Safety MASA's 2009 Annual Session W. E. Goetter, MD, FACP, FCCP

Quality Problems: U.S. Hospitals

- Leape 1989 NEJM
 - -4% inpatients seriously injured
 - 14% fatal
 - 69% preventable
- 1992 Brigham and Women's
 - Drug error #1 cause of injury and unnecessary death

Institute Of Medicine 2001

- 98,000 preventable deaths in U.S. hospitals
- "To err is human"
 - Err ≠ bad people

Health Care Facts

- 30% of health care cost due to inefficiency
- Pulmonary embolism is #1 preventable cause of hospital death
- Ventilator associated pneumonia #1 cause of death from hospital acquired infection (adds \$40k to cost of care)
- Central line infections cause 2000 deaths (U.S.) annually

IHI

- Institute for Healthcare Improvement
 - -W. Edwards Deming PhD. 1950's
 - Apply quality engineering and manufacturing principles to medicine
 - Toyota production system

Campaign To Save 100,000 Lives 2004

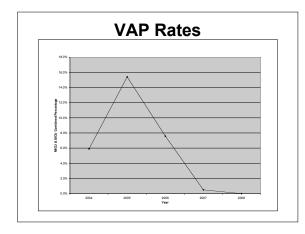
- Ventilator bundle
- DVT prophylaxis
- Stress ulcer prophylaxis
- ACT/RRT
- Central line sepsis

Ventilator Bundle

- MD/RN
 - Elevation of head of bed
 - Daily sedation vacation and spontaneous breathing trial
 - -GI bleed prophylaxis
 - DVT/PE prophylaxis

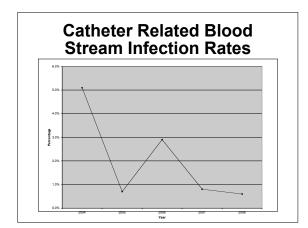
Ventilator Bundle

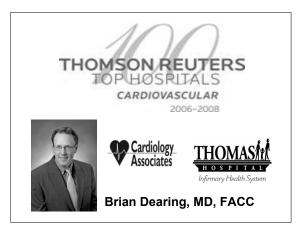
- RCP
 - Change circuits every other day
 - -Closed suction device
 - Glottic suctioning; q 2 hour mouth care



Central Line Bundle

- Hand hygiene
- Maximum barrier protection
- Chlorhexidine skin prep
- Optimal site
- Daily review for
 - -Complications
 - -Necessity of line





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Mobile Infirmary	Mobile, AL	*	*	*			
Springhill Medical Center	Mobile, AL	*	*	*			
		Low Volume Hospitals					
Univ Of South Alabama Medical Center	Mobile, AL	*	***	***			
		Not Rated Hospitals					

Summary

- What is not the problem?
 - -Not MD's, RN, CRP, Pharm, etc.
 - -Is our structure
 - Is the fact that we are paid for quantity, not quality

The End?

No! It is the beginning!

The Patient Is What It Is All About

Fini!!!