



Aiming for Zero How One Facility Decreased Their VAP and SSI Rates

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The Missouri HEN is a Missouri Hospital Association initiative in collaboration with the Missouri Center for Patient Safety.

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Capital Region Medical Center

- 100- acute care bed facility
- Prenatal and maternity services to home health
- Rehabilitation center
- Extensive clinic system
- High Medicare patient population

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Ventilator Associated Pneumonia

- FOCUS-PDCA Team – Multidisciplinary
- Opportunity Statement: Reduce ventilator associated pneumonias by 20% in 6 months.
- IHI Ventilator Bundle tool: elevate HOB, DVT prophylaxis, PUD prophylaxis, appropriate sedation.
- Oral care and repositioning.

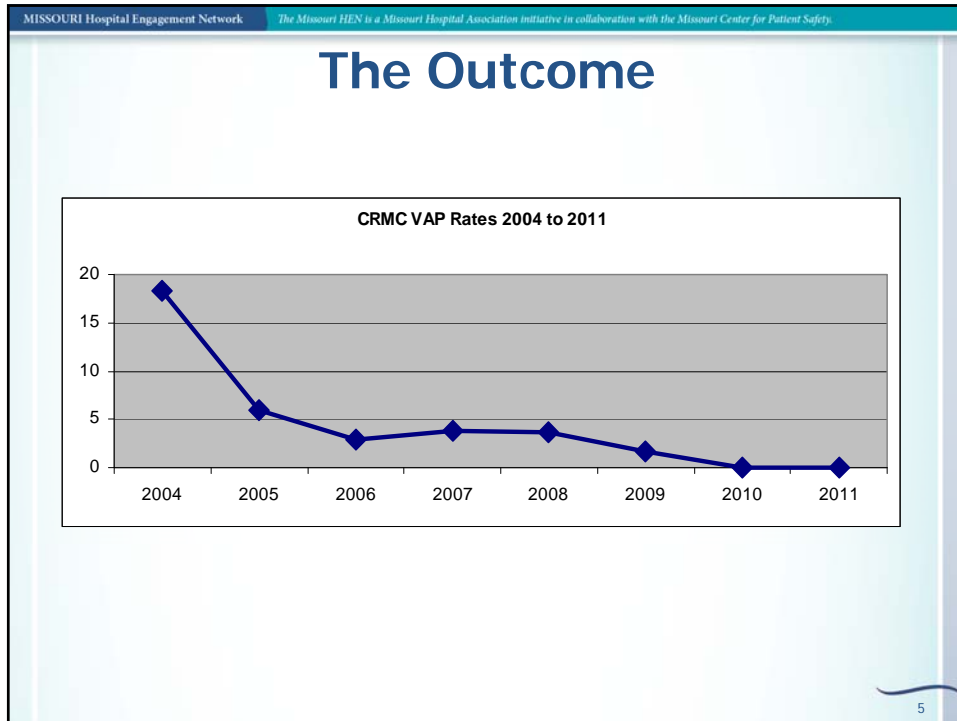
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The Process

- Implemented q2hr oral care with CHG BID
- Made a 30 degree wedge
- Revised Standard of Care for Mechanically Ventilated Patients-Fast Track
- Education of Staff
- Turning Chime
- Visual Cues in Patient Rooms
- HOB >30 degrees for 48 hours post extubation.

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- ## Surgical Site Infections
- SIP – SCIP measures
 - Focus PDCA Multidisciplinary team
 - Developed protocol orders
 - Compliance to measures added to dashboard & financial incentives
 - Physician Champions
 - Concurrent chart review
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The Process

- Preop "Time Out" procedure-checklist
- CHG skin asepsis
- Case Review
- SPD Processes – minimize IUS
- Preop MRSA screening

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The Outcome

CRMC SSI Rates 2004-2012

Year	CRMC SSI Rate
2004	10
2005	6.5
2006	5.5
2007	4.5
2008	3
2009	3.5
2010	4.5
2011	4
2012	2

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Lessons Learned

- Coordination of Processes
- Involve staff
- Choose Champions
- System reminders
- Pocket cards

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Any Questions?

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