Timeline

imProVemenT (ihi) 100,000

• High rate of associated mortality: infections
  VAP – leading cause of death among hospital –acquired
  Pneumonia rates are much higher in mechanically ventilated
  and reflects 60% of all deaths attributable to nosocomial
  pneumonia (VAP) 1/2006 by IPEC

• VISN Directors agree to implement 3 of the 6 practices 5/2005
  2004 including practices to reduce VAP and CR-BSI

• Kress et al. NEJM 2000
  Daily Spontaneous Breathing Trial
  Weaning is easier when patients are able to assist themselves
  at extubation with coughing and control of secretions

• Stringent adherence to the use of Personal Protective
  equipment (PPE) such as Gowns, Masks, Gloves will decrease
  the transmission of pathogenic microorganisms to ventilated
  patients when patients are identified as requiring Contact
  and Droplet Precautions

• Critical Pharmacist / Pharmacy Residents
  • Infection Control Specialist
  • Respiratory Therapist
  • Registered Dietician
  • Nurse Case Manager
  • Quality Management / Utilization Management Specialist
  • Speech Therapist
  • Nursing student / Instructor
  • Use of Ventilator Bundle Audit Tool (VBA) guidelines

IPEC DATA MANAGEMENT WEBSITE
• VISN 8 - Station 548 (West Palm Beach, FL).
  • Unit: Mixed ICU - Month-Year
  • Count Rate%
  • VAP audits completed
  • HOB elevated >30 degrees
  • SUD prophylaxis
  • DVT prophylaxis
  • Daily sedation vacation
  • Daily readiness to wean
  • Daily spontaneous breathing trial

HAND HYGIENE
• The best method to prevent healthcare acquired infections
  including VAP is to practice good hand Hygiene including use
  of:
  • Antimicrobial soap and water
  • Alcohol-Based Hand Rub when there is no visible soiling on
  hands

COMPLIANCE WITH ISOLATION PRECAUTIONS
• Stigmatic adherence to the use of Personal Protective Equipments
  such as Gown whenever to decrease the transmission of pathogenic
  microorganisms to ventilated patients when patients are identified as requiring Contact
  and Droplet Precautions

BEST PRACTICES TO ACHIEVE A HIGH LEVEL OF COMPLIANCE AT WPB VAMC ICU
• Daily multidisciplinary rounds including:
  • Intensivist / Providers / Residents / Medical students
  • Lead Unit Facilitator
  • RN assigned to patient