Supplemental Digital Content

Table. Examples of Key Elements of Care Bundles

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| Central LineAssociated BloodStream Infection | 1. Use proper hand hygiene2. Use maximal barrier precautions for insertion3. Apply Chlorhexidine skin antisepsis4. Select optimal catheter site for insertion avoiding femoral vein 5. Review central line necessity daily with prompt removal of  unnecessary lines |
| Catheter-associatedUrinary TractInfection | 1. Avoid unnecessary urinary catheters2. Insert urinary catheters using aseptic technique3. Maintain urinary catheters based on recommended guidelines4. Review urinary catheter necessity daily and remove promptly |
| Mezlo-resistantStaph Aureus | 1. Hand hygiene2. Decontamination of environment and equipment3. Active surveillance4. Contact precautions for infected and colonized patients5. Adherence to device bundles (Central Line & Ventilator Bundles) |
| Ventilator-associatedPneumonia | 1. Elevation of the head of the bed2.Daily sedative interruption and daily assessment of readiness to  wean3. Peptic ulcer disease (PUD) prophylaxis4. Daily oral care with Chlorhexidine |
| Surgical Site Infection | 1. Appropriate use of prophylactic antibiotics2. Appropriate hair removal3. Controlled postoperative serum glucose in cardiac surgery4. Immediate postoperative normothermia in colorectal surgery |
| Pressure InjuryPrevention | 1. Conduct a pressure ulcer admission assessment for all patients2. Reassess risk for all patients daily3. Inspect skin daily4. Manage moisture: keep the patient dry and moisturize skin5. Optimize nutrition and hydration6. Minimize pressure |