Device Related Infection

Michael Aniskiewicz, CIC, M(ASCP)
Infection Prevention Site Lead, Yale New Haven Hospital

Sonali Advani, MD, MPH
Associate Medical Director, Infection Prevention, Yale New Haven Hospital
Assistant Professor, Internal Medicine, Infectious Diseases
Yale School of Medicine
Central Line Associated Blood Stream Infections (CLABSI)

Catheter-associated Urinary Tract Infections (CAUTIs)

- Source: colonic or perineal flora on hands of personnel
- Microbes enter the bladder via extraluminal (around the external surface) (proportion = 2/3) or intraluminal (inside the catheter) (1/3)
- Daily risk of bacteriuria with catheterization is 3% to 10%; by day 30 = 100%

— Maki DG EID 2001

Ventilator Associated Pneumonia

Sources of Hospital Acquired Infections