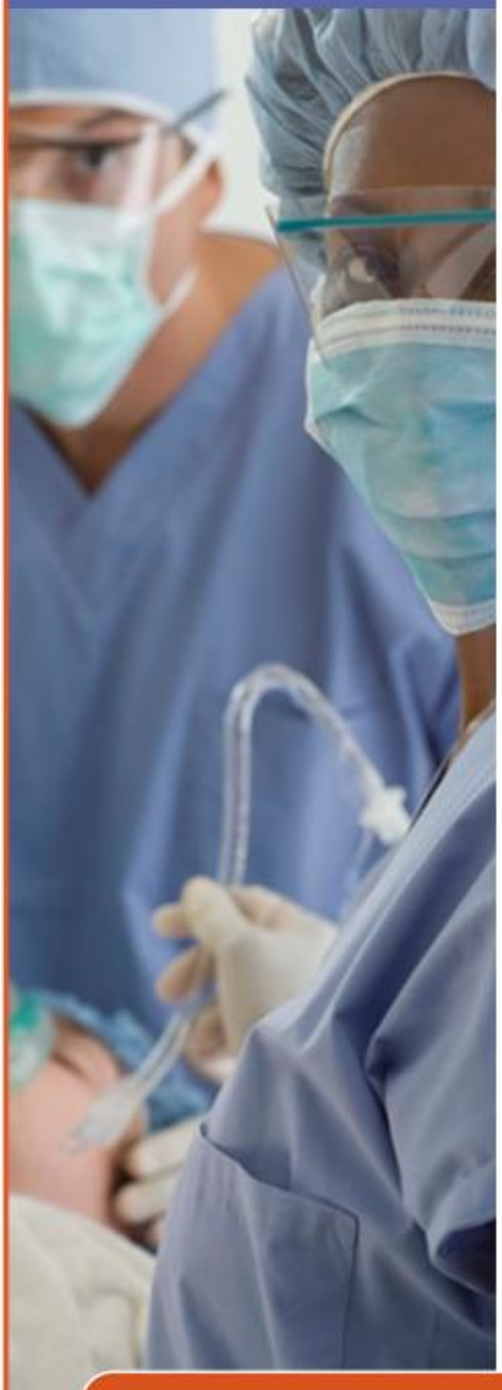
# Healthcare-associated Infections: Key Scientific Articles

*"Evidence indicates that, with focused efforts, these once-formidable infections can be greatly reduced in number, leading to a new normal for healthcare-associated infections as rare, unacceptable events."*
*– Thomas R. Frieden, MD, MPH, CDC Director*



## Framework for Prevention

- Maximizing Infection Prevention in the Next Decade: Defining the Unacceptable. Frieden TR. Infect Control Hosp Epidemiol 2010;31 Suppl 1:S1–S3.
- Moving Toward Elimination of Healthcare Associated Infections: A Call to Action. Cardo D, Dennehy PH, Halverson P, et al. Infect Control Hosp Epidemiol 2010;31(11):1101–1105.

## Burden

- The National and State Healthcare-associated Infections Standardized Infection Ratio Report: Using Data from the National Healthcare Safety Network (Jan.-Dec. 2010).
- Vital Signs: Preventing *Clostridium difficile* Infections. Morbidity and Mortality Weekly Report (MMWR) 2012;61(09):157-162.
- Patient Notification for Bloodborne Pathogen Testing Due to Unsafe Injection Practices in the US Health Care Settings, 2001-2011. Guh AY, Thompson ND, Schaefer MK, Patel PR, Perz JF. Med Care. 2012 Apr 19. Epub ahead of print.
- Methicillin-Resistant *Staphylococcus aureus* 2010. Active Bacterial Core Surveillance (ABCs): Emerging Infections Program Network.
- Vital Signs: Central Line–Associated Blood Stream Infections– United States, 2001, 2008, and 2009. Morbidity and Mortality Weekly Report (MMWR) 2011;60(08):243-248.
- nfection Control Assessment of Ambulatory Surgical Centers. Schaefer MK, Jhung M, Dahl M, et al. JAMA 2010;303(22):2273-2279.

## Prevention Successes

- Veterans Affair Initiative to Prevent Methicillin-Resistant *Staphylococcus aureus* infections. Jain R, Kralovic SM, Evans ME, et al. N Engl J Med 2011;364(15): 1419-1430.
- ntervention to Reduce Transmission of Resistant Bacteria in Intensive Care. Huskins WC, Huckabee CM, O'Grady NP, et al. N Engl J Med 2011;364(15): 1407-1418.
- Health Care-Associated Invasive MRSA Infections, 2005-2008. Kallen AJ, Mu Y, Bulens S, et al. for the Active Bacterial Core surveillance (ABCs) MRSA Investigators of the Emerging Infections Program. JAMA 2010;304(6):641-647.
- Methicillin-Resistant *Staphylococcus aureus* Central Line-Associated Bloodstream Infections in US Intensive Care Units, 1997-2007. Burton DC, Edwards JR, Horan TC, et al. JAMA 2009;301(7):727-36.

## Emerging Problems

- Carbapenem-Resistant *Enterobacteriaceae* Containing New Delhi Metallo-Beta-Lactamase in Two Patients — Rhode Island, March 2012. Morbidity and Mortality Weekly Report (MMWR) 2012;61(24):446-448.
- Guidance for Control of Infections with Carbapenem-Resistant or Carbapenemase-Producing *Enterobacteriaceae* in Acute Care Facilities. Morbidity and Mortality Weekly Report (MMWR) 2009;58(10):256-60.