For over three decades, Bennett & Brachman's Hospital Infections has been a respected and influential resource in the prevention and control of healthcare-associated infections (HAIs). Now in its Sixth Edition, the book continues to provide readers with the latest information in the field of healthcare epidemiology, infection control, patient safety, and the prevention and control of HAIs. Many of the current contributors are or were employed by or trained at the Centers for Disease Control and Prevention (CDC) and have a thorough knowledge of healthcare epidemiology.

Topics covered include HAI epidemiology; surveillance; control programs; antimicrobial stewardship; antimicrobial resistance; mechanisms of resistance; sterilization and disinfection; food-borne diseases; the role of the laboratory, intensive care unit, operating room, dialysis, and nursery settings; and specific hospital-acquired infections.

New to the sixth edition:
- Three main sections address General Considerations of Hospital Infections; Functional Areas of both endemic and epidemic hospital infections
- Coverage of automated room terminal disinfection (ultraviolet germicidal irradiation or hydrogen peroxide gas or vapor)
- New chapters on surgical site infection, dialysis, prevention of HAIs in intensive care units, mechanisms of resistance, the role of the environment in pathogen transmission, the role of the laboratory in infection prevention, prevalence vs. incidence HAI surveillance, infection prevention and control in countries with limited resources, the latest isolation procedures and sterilization and disinfection.
- New details define the role of environment in pathogen transmission
- Evidence-based data on the control of antimicrobial-resistant pathogens, such as methicillin-resistant Staphylococcus aureus, vancomycin-resistant Enterococci, carbapenem-resistant enterobacteriaceae, and pandemic influenza viruses
- Full-color format to improve visual reference and retention of material.
Microbiology