
Abstract:

As part of the bundle to prevent CLABSIs, our hospital required disinfection of IV connector injection ports for central lines prior to line access, via an evidence-based manual method (scrubbing with alcohol) recommended by infection control experts nationwide. Compliance could only be enforced by constantly accompanying nurses on their rounds, however. Because this was impractical and the method was time-consuming with multiple steps, noncompliance and technique variation were likely. Indeed, an observational study conducted early 4th quarter 2009 showed <10% compliance with the disinfection protocol.