

## Nosocomial Infections and Prevention in Intensive Care Units and Intensive Care

**Authors :** Kaous Samira

**Abstract :** The lack of hand hygiene can contribute to nosocomial infections, including Central-venous-catheter-related bloodstream infections (CRBSI). An investigation from several hospitals examined the frequency of hand hygiene in an OR among perioperative staff members who did not perform a surgical scrub. Among 50 operations (120 hours) that were observed, only 2% of staff members performed hand hygiene practices upon entering the OR, and 8.4% of staff performed hand hygiene upon leaving the OR. In addition, when performing radial arterial catheter placement, 0% of staff members wore gloves. Another study (A1170) surveyed healthcare providers regarding hand hygiene compliance. All of the 107 providers surveyed agreed that they should maintain hand hygiene, and most respondents believed that their own compliance was high. The author suggests that the low compliance problem associated with hand hygiene worldwide is a behavioral one among healthcare providers that requires acknowledgment and change.

**Keywords :** anesthesia, investigation, IOP, SBP

**Conference Title :** ICAAR 2024 : International Conference on Antibiotics and Antibiotic Resistance

**Conference Location :** Venice, Italy

**Conference Dates :** August 15-16, 2024