



This observational study (n = 108) found high compliance with “scrubbing the hub,” although scrub time was shorter than the recommended duration (average 6.1 seconds)” Slater et al (2019).

Highlights:

Of nurses, 99% “scrubbed the hub” of the needleless connector.

Of nurses, 3.7% were compliant with a 15-second needleless connector “scrub.”

Hand hygiene premedication preparation was 33%.

Hand hygiene postmedication administration was 65%.

Poorest hand hygiene rates observed in the ED and those wearing gloves.

Abstract:

Good hand hygiene and “scrub the hub” practices are important to prevent bloodstream infections. Compliance with hand hygiene before medication preparation (33%) and before medication administration (43%) showed room for improvement compared with postadministration (65%), the emergency setting and glove use were associated with poorer compliance ($P < .01$).

You may also be interested in...

Use of needleless connectors in neonates

Paradigm shift associated with hand hygiene standards
Scrub the hub duration for the decolonization of needleless connectors

Reference:

Slater, K., Cooke, M., Scanlan, E. and Rickard, C.M. (2019) Hand hygiene and needleless connector decontamination for peripheral intravenous catheter care—time and motion observational study. *American Journal of Infection Control*. March 5th. .

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