

## Using a human factors framework to assess clinician perceptions of and barriers to high reliability in hand hygiene.

June 14, 2023

Vaughan-Malloy AM, Chan Yuen J, Sandora TJ. Using a human factors framework to assess clinician perceptions of and barriers to high reliability in hand hygiene. Am J Infect Control. 2023;51(5):514-519. doi:10.1016/j.ajic.2023.01.013.

<https://psnet.ahrq.gov/issue/using-human-factors-framework-assess-clinician-perceptions-and-barriers-high-reliability-hand>

---

[Hand hygiene](#) adherence is an [essential component](#) of patient safety. Using the [SEIPS 2.0 model](#), this study explored clinician perspectives about high reliability in hand hygiene. The 61 respondents identified several barriers associated with aspects of organizational culture, environment, tasks and tools, including frequently empty alcohol-based hand rub dispensers and challenges with the layout of patient care areas.