

Purpose

The purpose of this discussion is to begin the analysis of evidence collected for your evidence-based intervention literature synthesis. Through comparing and contrasting an excerpt of your research synthesis and discussing it with student colleagues, you will examine the analysis process.

Instructions

Review this week's readings and provide your response in 150 words or less:

1. State your practice question in PICOT format.
2. Examine the main themes in the research and add a brief statement of why the intervention was selected. Cite the research in your discussions.

Refer to your completed Johns Hopkins Individual Evidence Summary Tool and the Johns Hopkins Research Evidence Appraisal Tool to answer this discussion question this week. If you need blank copies of the tools, they are located in the Student Resource Center under Project & Practicum Resources.

All,

PICOT: For emergency room nurses, does the implementation of the World Health Organization (WHO) multimodal hand hygiene improvement strategy, compared to current practice, impact perceived hand hygiene knowledge in 8-10 weeks?

Throughout the literature review, common themes emerged regarding hand hygiene. Implementing the World Health Organization (WHO) multimodal hand hygiene improvement strategy provides several positive outcomes. Increasing hand hygiene knowledge increases compliance (Fries et al., 2020; Muller et al., 2022; Yousef et al., 2020). Improvements in attitudes toward hand hygiene were observed as well (Yousef et al., 2020). A higher frequency of hand hygiene monitoring also increases hand hygiene compliance (Seo et al., 2019; Suzuki et al., 2020). Decreased incidence of healthcare-acquired infections (HAIs) and microorganism loads can be observed with increased hand hygiene compliance (Teasing et al., 2020; Thomas et al., 2019). Increased compliance related to the Hawthorne effect cannot be ruled out and hand hygiene can be subjective (Baccolini et al., 2019; Laskar et al., 2018, Lenglet et al. 2019; Yousef et al., 2020). Implementation of the WHO multimodal hand hygiene improvement strategy was chosen as it provides overall positive outcomes regarding hand hygiene knowledge and compliance.

Jess S.