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Presenter

Irene Sirevåg completed the post graduate operating room nurse education in 2010. In 2017-2019 she completed her MSc thesis in operating room nursing which was published as «Student supervision using the Scrub Practitioners' List of Intraoperative Non-Technical Skills (SPLINTS-no): A qualitative study» (Sirevåg et al, 2021). Following the master's degree, Irene Sirevåg enrolled in the PhD program of Health and Medicine at the University of Stavanger. The working title of the PhD is 'Non-Technical skills in operating room nursing'. The aim of the PhD is to develop a new tool for facilitating supervision and teaching of NTS to accelerate OR nursing students learning of NTS.

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Preferred type of presentation

Oral presentation of paper

Abstract

“Making operating room nurses' non-technical skills visible”

Background

Non-technical skills (NTS) were first explored in the aviation industries where the Crew Resource Management (CRM) framework provided training and assessment of those skills. When the concept of NTS was introduced into healthcare, an assumption was made that the NTS of healthcare workers can be identified within the scope of the CRM framework.

Research problems/goals

The aim of this study is to explore whether OR nurses have NTS that are not included in the CRM framework.

Method

This study has a qualitative design. The data was collected through free-text questions in a Delphi study (n=96 OR nurses). We performed an inductive thematic analysis of the written descriptions of OR nursing practice.

Results

We identified novel NTS under the themes 'ethical care'; caring through maintaining standards, being the patients advocate, and caring by being 'one step ahead', and 'professionalism'; demonstrating professional competence, displaying autonomy and confidence, and cooperation and respect. These NTS direct the performance of all other NTS.

Conclusions

The identification of NTS that are not included in the CRM framework indicates that the NTS of OR nurses and pilots partially overlap but are not identical. Thus, the CRM based tools needs further adaptation for use in OR nursing. These results will be integrated in a newly developed tool for NTS development for OR nurses.

Key words

circulating nurse; crew resource management; ethics; non-technical skills; operating room nursing; perioperative nursing; scrub nurse