

P5: Anesthesia Nurses' Self-Perceived Roles and Competences and Their Recognition of Anesthesia Specialist Nurses' Roles and Competencies

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Objective: Older adults are vulnerable to postoperative delirium after surgery and anesthesia, which may affect their cognitive function and increase depressive symptoms. Anesthesia nurses are dominant in the number of anesthesia medical teams. This study aimed to examine the differences between anesthesia nurses' self-perceived roles and competencies and their recognition of the roles and competencies of anesthesia specialty nurses.

Methods: A cross-sectional study was conducted. A structured questionnaire based on a guideline of the International Council of Nurses was designed.

Results: The participated anesthesia nurses' (N=200) scale scores and mean scores for each question on the self-perceived role and competency scales were lower than the scores on their recognition of the roles and competencies of anesthesia specialty nurse scales. Regarding the self-perceived roles, the scholar domain received the lowest score (Mean= 2.99, SD= 1.00), while the self-perceived competencies, the management domain received the lowest score (Mean = 3.81, SD = 0.67). Similarly, the scholar domain received the lowest score (mean = 3.34, SD = 1.068) in recognition of the roles of an anesthetic specialist nurse, while the management domain received the lowest score (mean = 4.18, SD = 0.58) in the recognition of the competencies of an anesthesia specialist nurse. Anesthesia nurses' self-perceived roles were affected by their nursing ladder and the hospital level at which anesthesia nurses work. Their self-perceived competencies were affected by their nursing ladder and salary. In addition, their recognition of the roles as anesthesia specialist nurses was affected by the hospital level at which anesthesia nurses work. The nursing ladder affected their recognition of the competencies of an anesthesia specialist nurse.

Conclusion: This study has demonstrated that anesthesia nurses must improve their self-perceptions of their roles and competencies to satisfy the expectations of their roles and competencies as anesthesia specialty nurses. The findings of this study could be used to develop future anesthesia nurse education and training programs to provide better care to elderly patients.

P6: Brain alterations in patients with late-life major depressive disorder and amnesic type mild cognitive impairment during oddball performance: a longitudinal study

P7: Institutionalization and Psychotropics

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