The lived experiences of undergraduate nursing students learning drug dosage calculation

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Abstract

Competence in dosage calculation represents a challenge that seems to be almost insurmountable for nurses as well as nursing students. The lived experiences of nursing students in the context of learning drug dosage calculation have not been explored for description and interpretation. The purpose of this study was to gain more insight about undergraduate nursing students??? lived experiences in learning drug dosage calculation. A purposive sample was selected to investigate the following question: what are the lived experiences of undergraduate nursing students studying medication dosage calculation? Data were collected through face-to-face semi-structured interviews, which the researcher transcribed verbatim, and the participants reviewed for validation. The combined interpretive and descriptive method of van Manen guided the characteristics of the thematic data analysis conducted to determine the findings. The related themes of signifying, repeating, analyzing, verifying, maintaining consistency are tied to the overarching theme of assuring safety, which emerged as the essence of the participants??? lived world of learning drug dosage calculation. This study contributed, to some extent, to filling the empirical gap identified in the literature review. These participants gave rich, in-depth accounts of how they embodied drug dosage calculation to attain competence that they need to administer correct dosage of medications to their patients. The researcher identified implications for nursing practice, nursing education, and nursing research..

Biography:

Marie-Bernard Lazare has been a Nurse for 32 years. She has completed her PhD in Nursing in 2016 from Barry University. She was inducted into the Sigma Theta Tau International Honor Society from two different Universities. Her Doctoral Research article is published in a peer reviewed journal and the Virginia Henderson Repository. She is an experienced Nurse Leader and Educator with background as Dean of Nursing, Associate Dean of Nursing, Nursing Program Director, Clinical Coordinator, and Hospital Nurse Educator. As a Leader in Nursing Academia, she strives to serve with compassion and excellence.