PERCEPTION OF THE ESSENTIAL COMPETENCIES IN GENOMICS AND GENETICS IN GRADUATE STUDENTS.

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Background and Significance: Genetics is an important part of health care. The first human genome was sequenced in 2003, which has allowed healthcare providers to advance patient care. To ensure nurse practitioners are knowledgeable and well prepared with the advances in genomics and genetics, the Essentials of Genetic and Genomic Nursing Competencies were established by the Consensus Panel to prepare the nursing workforce in genomics/genetics.

Purpose of the study: The study explored the perceptions of graduate nursing students on the implementation of Essential Genomics and Genetics Nursing Competencies.

Method: Current students in the Masters, DNP/FNP and PhD programs in a Nursing College in the Midwest were asked to complete the Essentials of Genetic and Genomic Nursing Competencies electronic survey. The survey consisted of two Essentials including, Professional Responsibilities and Professional Practice; both are in a four-rating scale (from not at all to always).

Results/Outcomes: The perceptions of the graduate nursing students toward implementation of Essential Genetic and Genomic Nursing Competencies will be analyzed using SPSS version 20.

Conclusions/Implications: The findings will increase our understanding about the perception toward implementation of Essential Genetic and Genomic Nursing Competencies in practice of the nursing students in graduate level.