

2021 NCSBN Scientific Symposium - Keynote: Open Science, Public Accountability: NLM Helps Nurse Scholars Shape Public Discourse Video Transcript

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Event

2021 NCSBN Scientific Symposium

More info: ncsbn.org/15185.htm

Presenter

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- [Moderator] Richard Smiley has worked as a statistician in the research department at NCSBN for 19 years. During his time at NCSBN, he has co-

simulation experiences. The project began in 2010 with a pre-survey that was sent to pre-licensure RN programs.

The survey was used to collect information regarding each school's curriculum, use of simulation, facilities, and substitution of simulation for clinical hours. At the end of the survey, respondents were invited to be considered for participation in the National Simulation Study by passing along their contact information to the study manager.

10 schools were selected for the National Simulation Study from those programs who offered to participate. The five ADN and five BSN programs selected were geographically diverse and in solid standing academically. Within each program, students were randomly assigned to one of three groups, traditional clinical experience with no or minimal simulation used, 25% simulation experience in place of traditional clinical experience, or 50% simulation experience in place of traditional clinical experience.

The students were tracked throughout their two-year course of study and were followed as new graduates in their first six months of their initial clinical practice. Students were assessed on clinical competency and nursing knowledge and they rated how well their learning needs were met in both the clinical and simulation environments.

Over 600 students completed the study requirements at the time of graduation in 2013. At the end of the study, there were no statistically significant differences in clinical competency as assessed by clinical preceptors and instructors, no statistically significant differences in comprehensive nursing knowledge assessments, and there were no statistically significant differences in NCLEX pass rates among the three study groups.

In 2014, prior to the release of the results from the National Simulation Study, a survey was mailed out to NCSBN's member and associate member boards of nursing to assess the status of regulation of simulation and nursing.

Responses collected from the survey and an extensive search through published regulations were used to answer two questions. Number one, "How many jurisdictions currently have regulations regarding the use of simulated clinical experiences?" Number two, "What percentage of clinical experience hours may be replaced by simulation?"

The survey found that the majority of the jurisdictions at the time did not have specific written regulation regarding the use of simulation hours. And, that a number of jurisdictions that did mention simulation in their regulations did not specify a maximum percentage of clinical experience hours that could be replaced by simulation.

It should be noted that just because a jurisdiction does not have specific written regulation, does not mean that simulation is not being regulated. Some jurisdictions mentioned approving the use of simulations and educational programs on a case-by-case basis. In 2015, an expert panel convened by NCSBN evaluated the data gathered through the National Simulation Study, examine previous research,

An article in the Journal of Nursing Regulation presented the guidelines, the evidence to support the use

"Are there any concerns coming forward about programs that are not providing simulation using the recommended standards?" Boards do things differently and one thing that was very clear to me is even...although I was capturing a lot of information about boards that are applying and adjusting to these standards, sting nTod5