

Dear AdventHealth University Senior Nursing Students,

Our names are Jessenia Reyes and Sabine Cadet. We are second-year students in the Doctorate of Nurse Anesthesia Practice program at AdventHealth University (AHU). We are working with Dr. Sarah Snell, faculty member and Assistant Professor at AdventHealth University, on a scholarly project.

We are conducting a scholarly project focused on the effect of airway management education on the knowledge, skill, and confidence levels of senior baccalaureate nursing students attending AdventHealth University, Orlando campus, we would like to invite you to take part in our project.

The primary aim of this scholarly project is to evaluate the effect of a simulation experience regarding emergency airway management on student knowledge, skill, and confidence levels. Senior nursing students are in a unique position in that they are preparing to graduate and are soon after ready to join the workforce. The reason for this project is to prepare senior nursing students for a scenario that they may encounter once they enter the workforce, specifically an airway emergency. There is limited exposure to how to manage an airway during nursing school, and often, the only exposure to this is during a required basic life support course taken once every two years. We are asking for your participation in this scholarly project because we believe that your participation will help bridge a gap between knowledge and practice and help nursing students get exposure to managing an airway emergency. If you choose to sign up, your participation may help implement scenarios like this into the nursing curriculum, helping future students improve their skills and confidence when encountering a real-life airway emergency.

As part of your NRS 465 course, you will be required to view a 20-minute educational module titled “Airway Management and Airway Equipment” and participate in a 30-minute low-fidelity airway management simulation lab. However, assessments, such as a pre-test/ post-test, a skills checklist, and a satisfaction and confidence questionnaire used to evaluate knowledge, skills, and confidence levels will be completely voluntary. It is important to note that this project WILL NOT affect your school grade in any manner.

The Canvas course “Airway Management and Airway Equipment” will be open from May 9, 2022, to June 27, 2022. Once enrolled, you will be asked to voluntarily complete an 18-question pretest followed by an 18-question posttest after the completion of the required 20-minute educational module. These items will take approximately 60 minutes. This pre/posttest and module will be required to be completed before a preassigned scheduled airway lab to practice airway management skills. The airway management simulation lab will take approximately 30 minutes to complete. An 8-item skills checklist will be administered during lab before skills education and after skills education to measure any differences in skillset. After participation in the scheduled lab, a reminder email will be sent out to complete the Self-satisfaction and Confidence Questionnaire on Canvas. The 8-item skills checklist and the Self-satisfaction and Confidence Questionnaire will take approximately 20 minutes to complete. The required course content which includes the educational module, and the simulation lab will take approximately 50 minutes. The voluntary portion of this project, the assessments, will take approximately 60 minutes. Thus, this scholarly project will take a total of 110 minutes.

The Airway Management Skills Testing Checklist will be printed out and requires the student’s first and last name to compare pre and post checklist results. The checklists will be paired, de-identified, and the physical copies will then be immediately shredded. Your

participation in this project will be kept confidential, and the results of your questionnaire and pre/posttest results will remain completely anonymous.

If you have any questions, concerns, or complaints regarding this study, you may contact us at: [AirwayManagement2023@outlook.com](mailto:AirwayManagement2023@outlook.com).

Thank you,

Jessenia Reyes, SRNA and Sabine Cadet, SRNA