

**Center for Procedural Skills and Simulation Collaborate with Ambulatory Surgery  
Center to Increase Staff Knowledge on Emergency Skills**

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**Introduction:** The purpose of the evidence-based practice project was to improve front line staff abilities to manage emergency situations in the Ambulatory Surgery Center (ASC).

**Identification of the Problem:** ASC staff identified a need for more training in emergency situations through annual learning needs assessment (LNA).

**QI Question/Purpose of the Study:** Nurse educator identified a need to improved emergency response skills for front line staff.

**Methods:** ASC leadership and Center of Procedural Skills and Simulation (CPSS) collaborated to offer simulations for operating room and pre/post recovery ASC front line staff at least six times a year in CPSS laboratory.

**Outcomes/Results:** All of our pre-post simulation surveys have shown increased comfort, knowledge and assessing of perianesthesia emergencies. One survey example, in our Laryngeal Spasm Pre/Post- Simulation Survey has shown a 63% increase in strongly agreed that front line staff could comfortably identifying interventions, addressing signs and symptoms and comfortably verbalizing when and who to call for assistance.

**Discussion:** Simulations has been instrumental in improving staff knowledge and skills in ASC perianesthesia emergency situations.

**Conclusion:** These results, along with pre/post evaluations, indicate that staff are more knowledgeable with emergency situations. Simulations can be an effective method to improve staff ability to manage these complex, rare medical events.

**Implications for perianesthesia nurses and future research:** ASC will continue to collaborate with CPSS along with continue to provide at least 6 simulation a year to maintain and improve perianesthesia emergencies readiness.