



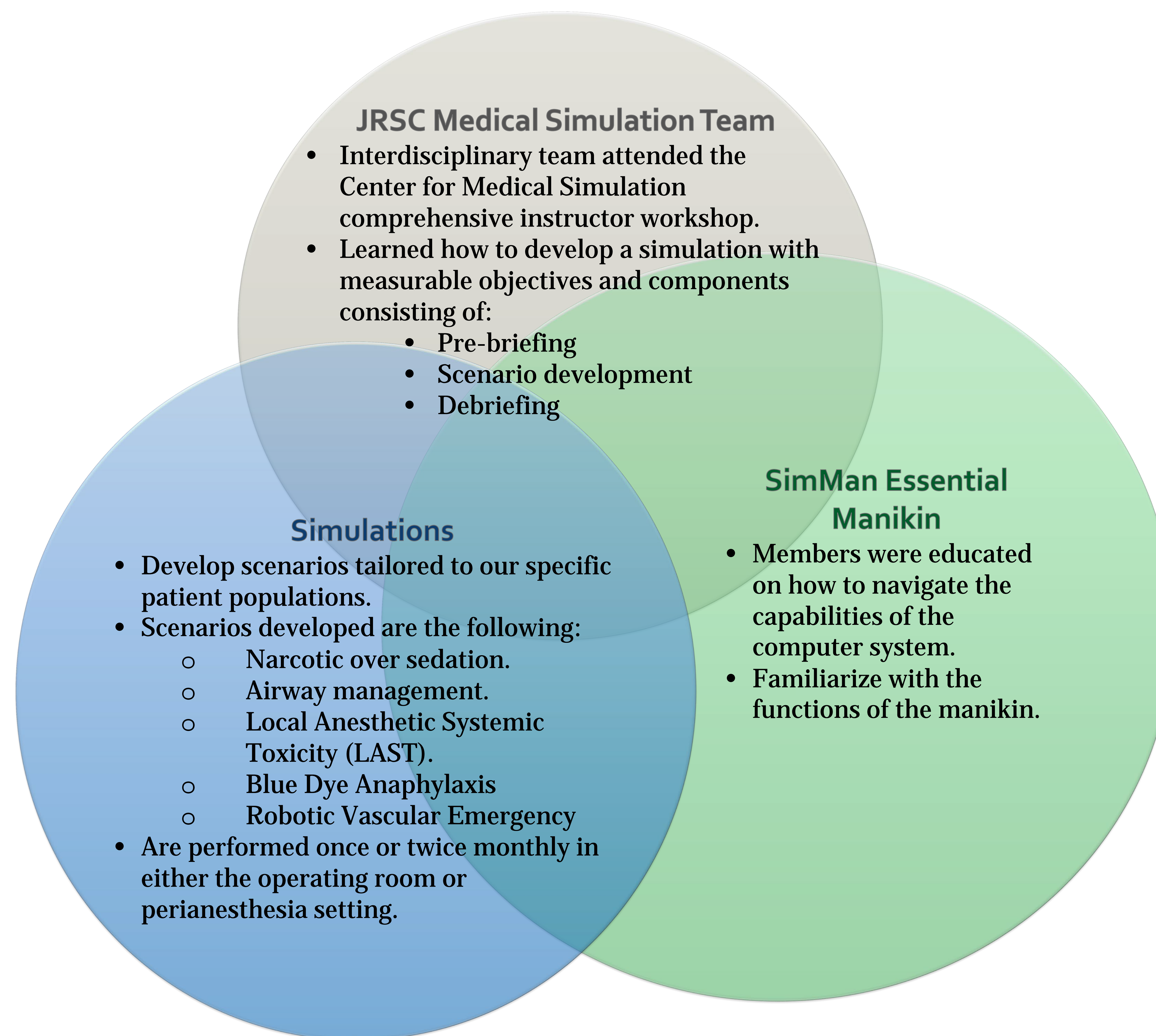
Background

- An ambulatory surgery center exemplifies a positive trend of successful transformation in healthcare delivery outside of a hospital setting that has proven to improve quality and customer service.
- With the development of a shorter-acting anesthetic drugs, multimodal analgesia and minimally invasive surgery within the environment, perioperative emergencies can occur.
- Critical events in this fast-paced environment present challenges due to limited resources.
- In situ simulation is an educational modality built on the principles of adult learning theories geared towards:
 - Cultivating emergency response preparedness.
 - Professionals' competencies.
 - Collaborative practice to promote patient safety and outcomes.

Objective of Project

- To implement efficient in situ simulations in the operating room and perianesthesia units to foster optimal performance in crisis resource management situations.
- Enhance professional skills and behaviors such as:
 - Collaboration.
 - Communication.
 - Leadership.
 - Self-efficacy.
 - Decision-making.
 - Role responsibility.
 - Situational awareness to ensure team functioning for safe patient care.

Process of Implementation



Statement of Successful Practice

- Based on the interdisciplinary Simulation Effectiveness tool (ID-SET) secure real-time online survey, participants response has been overwhelmingly positive. Some responses have been:
 - Improving practice.
 - Learning to execute critical resource management (closed-loop communication, mobilizing resources within the facility, and establishing clear leadership).
 - Utilization of new knowledge for practice change to optimize patient outcomes.
- The opportunity to breakdown the causes of poor communication, ambiguity of roles, correct diagnosis, treatment and team functioning is commended.

Implication of Advancing the Practice of Perianesthesia Nursing

- Opportunity to develop and disseminate real-life scenarios in a safe, controlled environment.
- Debriefing encourages an engaging environment for participants to evaluate their response to a critical event, working individually and as a team to care for a patient.
 - Mistakes are viewed as a learning opportunity in which asking questions is encouraged and criticism is constructive and positive.
 - The combination of simulation and theory leads to reflective debriefing that generates significant and measurable difference in nurse practitioners' critical thinking skills.

Reference:

Coutinho, V. R., Martins, J. C., & Pereira, F. (2016). Structured debriefing in nursing simulation: Students' perceptions. *Journal of Nursing Education and Practice*, 6(9), 127-134. <https://doi.org/10.5430/jnep.v6n9p127>

