Problem: Anesthesia provided outside of the surgical services arena has the potential for inducing Malignant Hyperthermia (MH). Annual education to verify knowledge and use of the MH cart is required for all OR and PACU nursing staff. However, nurses practicing outside of the OR and PACU have little knowledge of MH. Care for the high-risk, low volume MH patient must be consistent across all departments.

Purpose: A process improvement project was designed to develop education and tools for non-OR/PACU nursing staff so they are competent to respond safely and efficiently during a MH crisis.

Process: Interdepartmental collaboration occurred with participation from Labor and Delivery, Emergency, Endoscopy, and ICU departments. A tool kit of MH resources was developed including:

- An additional MH cart located in Labor and Delivery
- A MH Integrated Clinical Practice Guideline
- A standardized MH Order Set
- A MH response algorithm
- A Pediatric/Adult Dantrolene/Revonto weight-based dosing chart
- Initial MH Responsibilities checklist
- Annual RN MH Simulation Competency training

Statement for Successful Practice: The number of nurses knowledgeable about MH care in departments outside of surgical services has increased. Perianesthesia nurses can provide the expertise and leadership to promote a high standard of MH care by providing information and developing tools to be used by departments wherever anesthesia is administered.