

## Using tangible objects to enhance deep learning in clinical courses

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Many academic nurse educators recognize the pressure of “covering” an incredible amount of content during the allocated classroom time. Then how are we assured the content we are covering is retained by the student.

Deep learning is both a learning approach and a learning strategy that promotes conceptual learning. It is a term first described by Marton and Saljo (1976). Deep learning occurs when new information is linked to old information which is argued that by linking new information to old information, that information is retained longer. A discussion will be presented of the three types of learning styles (deep, surface, and strategic learning). Latest research will be presented discussing these three learning styles. Insight as to why deep learning strategies has been successful in students understanding and learning complex disease processes and principles will be shared. By utilizing tangible objects in the classroom it is a more active learning strategy and has been found not only engages the students but does facilitate deep learning of complex concepts in advanced medical surgical nursing, critical care, and pediatric nursing courses. Examples of using tangible objects to promoted deep learning will be presented.

### Biography:

Maryann Godshall, PhD, RN, CCRN, CPN, CNE is an Assistant Clinical Professor at Drexel University College of Nursing and Health Professions in Philadelphia, PA where she teaches critical care and pharmacology. She obtained her BSN from Allentown College of St. Francis DeSales and her MSN from DeSales University. She has a post-master's degree in Nursing Education from Duquesne University, Pittsburgh, PA. Maryann completed her PhD at Duquesne University (2014) and her research topic was “Exploring Learning of Pediatric Burn Patients through Storytelling.”

Maryann has worked in Pediatrics and continues working in Pediatric Critical Care and Pediatric In-patient Rehabilitation nursing. She has been a nurse for over 25 years. She holds certification in both Pediatrics and Pediatric Critical Care and has been teaching for over 20 years in both the university and hospital settings.

Maryann is co-editor of The Certified Nurse Examination (CNE) Review Manual (2016), and wrote Fast Facts of Evidence Based Practice, 2nd Ed (2016); Springer Publishing Company.” She has published chapters in several books & textbooks. Caring for the Child with a Chronic Condition and the Dying Child & Caring for the Child with Cancer in Maternal-Child Nursing Caring: Optimizing Outcomes for Mothers, Children & Families, 2nd Ed. (2016). F.A. Davis. Disaster Nursing: A Handbook for Practice (2009), Jones & Bartlett as well as many journal articles.

Maryann has presented both nationally and internationally most recently in Philadelphia and at the World Federation of Critical Care Nurses (WFCCN) in Brisbane, Australia, April 2016.