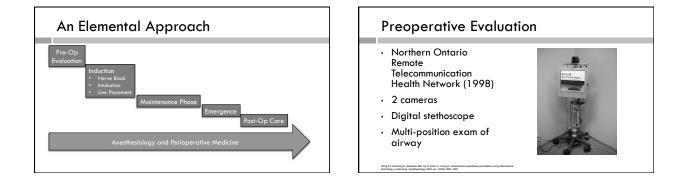
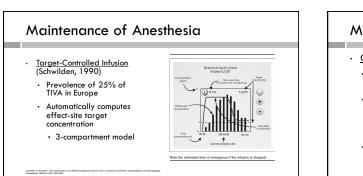
ROBOTICS IN ANESTHESIA & AIRWAY MANAGEMENT: WHAT DOES THE FUTURE HOLD?

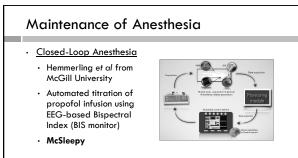
Patrick Tighe M.D. Assistant Professor Dept. of Anesthesiology University of Florida ptighe@anest.ufl.edu

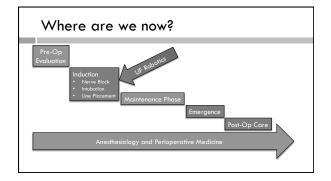
Objectives

- The History of Robotics in Anesthesia: An Elemental Approach
- The UF Simulation Experience
 - Fiberoptic Tracheal Intubation
 - Peripheral Nerve Catheter
 - Subclavian CVL Insertion
- Future Directions

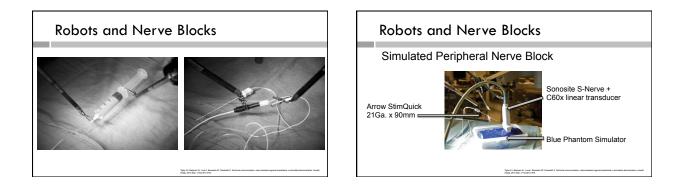


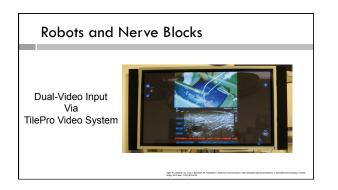


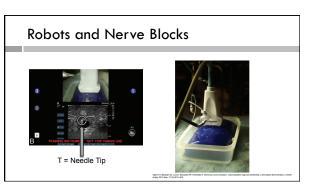


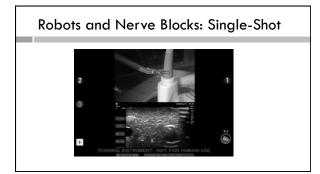


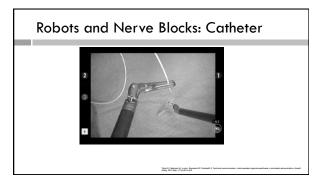
Robots and Nerve Blocks	
Robot-Assisted Regio A Simulated Demonst	
Patrick J. Tighe, MD,* S. J. Badiyan, MD, and S. Parekattil, MD‡	* I. Luria, MS,* Andre P. Boezaart, MD, PhD,*†
	Type 7: Nonpet 11, Unit 5 Because XP, Panhall 3. The Instant communities, solid associate organizational demonstration. Avail- Apple 2012 Res. ICCVID12016

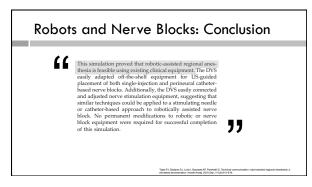










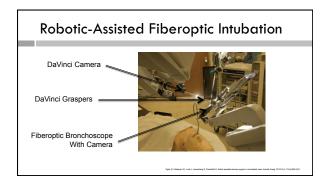


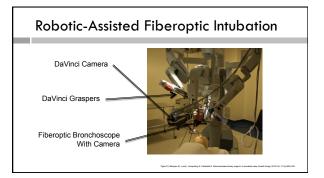
Robotic-Assisted Fiberoptic Intubation

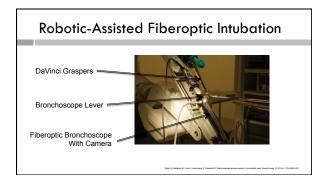
Robot-Assisted Airway Support: A Simulated Case Patrick J. Tighe, MD, S. J. Badiyan, MD, I. Luria, BS, MS, S. Lampotang, PhD, and S. Parekatlil, MD











Robotic-Assisted Fiberoptic Intubation

DaVinci Camera View

View





In Progress: Central Venous Line Insertion

- Site of Placement: Subclavian
- Components to Simulate
 - Needle positioning
 - Catheter placement

