

### Albert Einstein Medical Center- Philadelphia, PA

Albert Einstein Medical Center is my primary clinical site. I began this rotation in August of 2013 and spent my first year of anesthesia school here, with now currently returning between rotations. Known as a Level 1 Trauma Center, Albert Einstein specializes in the care of very debilitated ASA Physical Status 3 and 4 patients. Specialty surgical services include: Cardiothoracic, Orthopedics, Transplant, General, Neurosurgery, Urology, and Vascular. During my time at this medical center I have become proficient in caring for the medically and surgically complex patient, comprising intricate anesthetic plans in collaboration with an anesthesiologist. I participate in the interview, assessment and planning process of the anesthetic plan. I have become well versed in the administration of MAC and general anesthesia. Regional experience has included spinal anesthesia, as well as participating in the administration of peripheral nerve blocks with the anesthesiologist. Due to the nature of the patient population, I have become skilled in obtaining intravenous access as well as arterial line placement. I also have experience with the placement of central venous catheters. The airway skills I have developed at this institution are invaluable. I have been in numerous difficult airway situations and have become skilled with the use of the lightwand and glidescope for intubation. I have also become competent in mask ventilation, direct laryngoscopy, laryngeal mask airway placement and nasal intubation; with experience in fiberoptic airway assessment and double lumen tube placement. Apart from the daily challenges at Albert Einstein I have had numerous call shifts, experiencing multiple trauma resuscitations, liver transplant surgery, and STAT intubations outside of the operating room.

### Cooper University Hospital- Camden, NJ

Cooper University Hospital is a Level 1 Trauma Center specializing in trauma, neurosurgery and cardiothoracic surgery. I completed an eight-week cardiothoracic rotation and a five-week on call trauma rotation over the months of April to August of 2014. Over the span of the four months spent at Cooper I matured immensely due to the daily nature of challenging cases. I became skilled in the art of going on and off cardiopulmonary bypass with the anesthesiologist as well as anesthetically managing the surgical cases: on and off pump CABG, AVR, MVR, mini AVR/MVR, thoracic aneurysm repairs, TAVR, aortic dissection repairs, open thoracotomies, and open and endovascular AAA repairs. I gained tremendous knowledge and skills from this rotation. I became competent in the placement of central venous catheters, pulmonary artery catheters, arterial line placement, bronchial blocker placement, fiberoptic airway assessment and double lumen tube placement. My on call trauma experiences typically caused from blunt or penetrating trauma, consisted of numerous massive transfusion protocols, difficult intubations in the trauma bay, and an intricate understanding of vasopressors, inotropic agents and trauma resuscitation.

## Nemours/Alfred I. duPont Hospital for Children- Wilmington, DE

Alfred I. duPont Hospital for Children is a renowned Level 1 Trauma pediatric hospital specializing in neurosurgery, cardiothoracic surgery and orthopedic surgery. Upon completion of this rotation I will have three months of caring for challenging pediatric patients ranging from the ages of 1 month to 20 years old. I have developed a vital role in the preoperative assessment, completing the history and physical and developing an individualized anesthetic plan in collaboration with the anesthesiologist. I have become proficient in the art of inhalational induction, mask ventilation and management, treatment of laryngospasm and bronchospasm, as well as developing a true respect for Guedel's depth of anesthesia. I have also become skilled in the placement of pediatric intravenous catheters, direct laryngoscopy and laryngeal mask airway placement. I have also gained tremendous regional experience in assisting the anesthesiologist with placement of epidural catheters and peripheral nerve blocks. During this rotation I have had multiple experiences with idiopathic and neuromuscular spine surgeries involving TIVA, evoked potential monitoring as well as blood transfusion. I have also gained tremendous experience during my on call shifts administering anesthesia to medically and surgically complex patients undergoing emergency surgery.

### Prospective Clinical Rotations

Pennsylvania Hospital- Philadelphia, PA (January 2015): The nation's first hospital, Pennsylvania Hospital, specializes in caring for the medically complex and high-risk obstetric patient. Expected experience includes: epidural anesthesia administration, spinal anesthesia administration, administering anesthesia for non-emergent and emergent cesarean sections and participating in peripheral nerve blocks. My goal is to mature immensely in the understanding and administration of regional anesthesia as well as proficient in the planning and administration of anesthesia to the healthy and complex obstetric patient.

Fox Chase Cancer Center- Philadelphia, PA (February 2015-March 2015): A part of Temple Health, Fox Chase Cancer Center is highly advanced in the care of the complex oncological patient. Specializing in tumor resections, liver resections, nephrectomies, VATS, and open thoracotomies, this rotation will develop my competence in: central venous line catheter placement, arterial line placement, bronchial blockers, double lumen tube placement, fiberoptic intubations and thoracic epidural placement. My goal is to not only become well versed in the above skills, but to develop a better understanding and competence for the anesthetic management of these complex patients.