Anesthesiology Clerkships for Visiting 4th Year Medical Students

Name of Institution / Location:

Vanderbilt University School of Medicine / Nashville, TN

Institution Description:

Vanderbilt University Medical Center is a 966-bed facility and a Level 1 trauma center that provides trauma care for 65,000 square miles. Vanderbilt's Perioperative Services consists of 61 adult ORs as well as 19 pediatric ORs in Monroe Carell Jr. Children’s Hospital. In the most recent year, 22,000 inpatient and 28,000 outpatient surgeries were performed.

Geographic Description:

Nashville is the state capital and the second-largest city in Tennessee. It is located in the north-central part of the state on the Cumberland River. The city population is estimated at 612,000 while the Nashville metropolitan statistical area is estimated to have 1.73 million people. Nashville is most notably known as the center of the music industry, earning it the nickname Music City. Nashville is also a center for health care, banking, and transportation industries and is home to a large number of colleges and universities led by Vanderbilt University. The city has a vibrant music and entertainment scene spanning a variety of genres.

Facilities / Services at which students rotate:

1) Vanderbilt University Medical Center – adult main operating room (MOR)
2) Obstetrical anesthesia
3) Perioperative Anesthesia Consult Service
4) Critical care
5) Vanderbilt’s Monroe Carell Jr. Children’s Hospital – Pediatric Anesthesiology

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents: 72

CRNAs / AAs on staff: yes CRNAs, no AAs

Presence of CRNAs / AAs in training: yes SRNAs

Length of Rotation offered: 4-week rotation

Call Requirement: 1 weekend call and 1 weekday night call


Housing: Self pay. Housing resources can be reviewed on the following website: https://medschool.vanderbilt.edu/md-admissions/housing

Last Updated: February 13, 2017
Flexibility of Scheduling: Visiting medical students must start the rotation on the first day of Vanderbilt’s academic rotation schedule.

Learning Opportunities for Student:

There are two 4-week anesthesiology electives offered:
ANES-5610: Perioperative Medicine and Surgical Home - This course is designed to emphasize the concepts of coordinated perioperative medicine and enhanced recovery after surgery (ERAS). Evidence-based guidelines, optimization/standardization of perioperative care, and multimodal strategies to decrease postoperative morbidities are key components of ERAS. The student will function as integral part of the Perioperative Anesthesia Consult Service and learn fundamental aspects of anesthetic care that maximize perioperative pain control and reduce morbidity and healthcare costs related to cardiac, pulmonary, renal, endocrine, PONV complications or surgical site infections. The student will have an opportunity to be involved in the preoperative, intraoperative, and postoperative management of surgical patients on ERAS pathways.
   - Student Capacity: 3 students/month
   - Months Available: all months

ANES-5611: Advanced Clinical Anesthesiology – This four-week rotation provides an overview of the anesthesiologist’s role as a perioperative physician. Course content will emphasize the following principles: preoperative assessment, development and execution of an anesthetic plan (including induction of anesthesia, airway management, maintenance of anesthesia, and emergence), and management of acute pain. This course will also allow the student to explore various anesthesiology subspecialties. This course will also allow the student to explore various anesthesiology subspecialties. In addition with working in the main operating room (MOR) setting, students may spend time with the obstetrical anesthesia department, pediatric anesthesia department, Perioperative Anesthesia Consult Service, and/or critical care physicians.
   - Student Capacity: 2 students/month
   - Months Available: all months except June

Pre-Requisites:

1. Step I score > 220
2. VSAS application
3. For additional requirements specified by Vanderbilt School of Medicine, please refer to the following website: https://medschool.vanderbilt.edu/md-admissions/visiting-medical-students

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