<u>Title of Clerkship:</u> Introduction to Anesthesiology

Elective Year(s): 4th Year

Department: Department of Anesthesiology

Type of Elective: Clinical X Non-Clinical/Research Basic Science

Clerkship Site: ProMedica Toledo Hospital

Course Number: ANES 706

Blocks Available: All

Number of Students/

Block:

1

Faculty

Andrew Casabianca, M.D.; Kimberly Jenkins, M.D.; Alicia Pearce, M.D.; Mukesh Pitroda, M.D.; Thomas Rooney, M.D.; Tanaya Sparkle, M.D. Ashraf Banoub, M.D., Howard Black, M.D., Kathryn Carter, M.D., Amrita Amato, M.D., Todd Cooperider, M.D., Theresa Effler, M.D., Gregory Filatoff, M.D., Nina Garritano, M.D., Jeffrey Gramling, M.D., Jay Hammerling, M.D., Brian Harr, M.D., Brandon Licht, M.D., Adrianus Lim, M.D., Kevin Lodge, M.D., Sean Logan, M.D., Marla Matal, M.D., Stanley Matos, M.D., Matthew Stansbury, M.D., Paul Perring, M.D., Michael Servoss, M.D., Jason Stroud, M.D., Kyle Wojciechowski, M.D., Shereef Yassin, M.D., Sooraj Yermal, M.D., Jason Stroud, M.D., David Zucker, M.D., Kevin Zhao, M.D., Brandon Stokey, M.D., Mohamad Almasri, M.D., Ahmad Abou Leila, M.D.

Elective Description/ Requirements: The Introduction to Anesthesiology clerkship is a 2 week elective during which the student will have an opportunity to observe and participate in the practice of anesthesiology in a busy tertiary care hospital. The student will participate directly in patient care throughout the process of preoperative evaluation, selection of anesthesia plan, implementation of that plan and emergence and post-op care. Students will also become acquainted with the technical aspects necessary for anesthesia practice including those of intubation, obtaining IV access, monitoring and performance of regional blocks. The working environment will include surgical operating rooms, as well as the post anesthesia care unit and the labor and delivery suite.

Length of Clerkship: 2 weeks (40 hours/week)

Links to Core

<u>Competencies</u>: <u>Educational Course Objectives</u>:

MK-8 1. Define what is meant by general anesthesia, regional anesthesia and monitored anesthesia care.

MK-7, PC-8 2. Describe the steps of a properly conducted general anesthetic

PC-6, PC-8 3. Explain the rationale for and technique of endotracheal intubation during general anesthesia.

MK3,MK4,MK6,MK7,MK-5, IPC1,PC3,PC4,PC8, MK-3, MK-4, MK-5 MK-7, PC-7, PC-8 4. Conduct a proper pre-operative evaluation and utilizing this information to formulate an anesthetic plan.

5. Describe how to perform a preoperative evaluation and assessment of a patient who is scheduled for elective surgery.

MK-2, M-K4

MK-2

MK-3, MK-6, PC-9

6 Describe the complications that can occur with general and regional anesthesia and approaches to prevent these complications.

7. Describe the physiological changes which occur during pregnancy and relate them to anesthetic management

8. Explain why the pediatric patient population is different from the adult patient population in regards to physiology, anatomy and the practice of anesthesia.

PC-6 9. Demonstrate the ability to insert, check and secure an oral endotracheal tube

MK-6 10. Describe approaches to acute pain management in the perioperative setting; including the

use of various classes of analgesics and their routes of administration, as well as different

types of conduction blockade

Professionalism: UTCOMLS students will meet or exceed the institutional standards for professionalism as stated in the current

Educational Program

<u>Instructional Methods:</u> 1.Diagnostic tests use/interpretation

2.Interpretation of lab data 3.Mentored Clinical Practice

4.Mentored Technical Skills Practice

Evaluation Methods: 1.Attendance

2.Clinical Log

3. Professionalism Assessment

4. Clinical Competency Evaluation (Pass/Fail) based on faculty observation and assessment of clinical skills by the

attending anesthesiologists who have worked with the students in the operating room environment.

Prerequisites: 4th year student in good standing

Clerkship Director: James P. Hofmann, M.D.

Assistant Clerkship

Kimberly Jenkins, M.D.

<u>Director (if applicable):</u>

Clerkship Coordinator: Patti Finch

Phone Number: 419-383-3507

Email: Patti.Ellis@UToledo.edu

Special Requirements: none