

Title of Clerkship:	Critical Care
Elective Year(s):	Fourth Year
Department:	Anesthesiology
Type of Elective:	Clinical <u> X </u> Non-Clinical/Research <u> </u> Basic Science <u> </u>
Clerkship Site:	ProMedica Toledo Hospital
Course Number:	ANES 705
Blocks Available:	All
Number of Students/ Block:	1- 2
Faculty	Theresa Gallup, M.D., Site Director, David K. Epperson, M.D., Ashraf F. Banoub, M.D., Robert A. May, M.D., Peter J. Wilson, M.D., Theresa Gallup, M.D., Jay Hammerling, M.D., Ronald Wainz, M.D., Ahmad Abdelwahed, M.D., Emile Klada, M.D.
Elective Description/ Requirements:	Perioperative medicine addresses the medical care of the surgical patient and focuses on the patient's status before, during, and after the actual surgical procedure. Critical Care/Peri-op students will be integral members of the service caring for the critically ill.
Length of Clerkship:	4 weeks (Mix of ICU, PACU, IR)
Links to Core Competencies:	
MK-3, MK-4, MK-5, PBL-7, PC-7, PC-8	1. Demonstrate the evaluation of a critical care patient to assess appropriateness of a patient's condition prior to anesthesia and surgery.
MK-3, MK-4, MK-6, PBL-7	2. Analyze a critical care patient's condition prior to anesthesia and surgery.
MK-6, MK-8	3. Determine options for anesthetic management for individual surgical procedures.
MK-6, PBL-7	4. Evaluate airway anatomy and assess for appropriateness for the different types of available airway management techniques.
MK-6, PBL-7	5. Discuss the pharmacology and pharmacodynamics of anesthetic agents (intravenous, inhalational and regional), and agents used in the management of <u>critical care</u> patients.
MK-2, PBL-7	6. Apply appropriate fluid management techniques during surgery and in the ICU.
MK-6	7. Discuss how to manage common intraoperative complications.
MK-3, MK-6	8. Discuss how to manage common post-operative complications.
PBL-7	9. Demonstrate Ventilator management in the Intensive Care Unit.
PBL-7, IPC-1	10. Summarize the management of sepsis, ventilator associated pneumonia, electrolyte and acid-base abnormalities.
PC-6	11. Demonstrate invasive line placement and management.
PC-9	12. Discuss the management of failures of the central nervous system, cardiovascular system, respiratory system, gastrointestinal system (including hepatic) and renal system.
Professionalism:	UT/Com students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives and the current Educational Course Objectives for the Sponsoring Department.
Instructional Methods:	Didactics/Lectures Teaching rounds Small groups discussion
Evaluation Methods:	1. One case presentation of an approved topic to faculty, residents and students. 2. Faculty observation and assessment of clinical skills by the attending and resident anesthesiologists who have worked with the students during the rotation.

3. Attendance

Prerequisites: Successful completion of all third year required clerkships

Clerkship Director: James Hofmann, M.D.

Clerkship Coordinator: Patti Ellis-Finch

Phone Number: 419-383-3507

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Special Requirements: Participation in night call once per week for exposure to a varied case mix

