



Anesthesiology & Pain Medicine UNIVERSITY OF TORONTO

Anesthesia Clerkship Introduction

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Welcome to Anesthesia! We hope you have an enjoyable 2 weeks!

The Anesthesia rotation is a 2 week rotation in the 4 week Anesthesia/ Ophthalmology/ OTL-HNS rotation. Students will be assigned to one of 4 rotations: Anesthesia/ Ophthalmology/ OTL-HNS, Anesthesia/ OTL-HNS/ Ophthalmology, OTL-HNS/ Ophthalmology/ Anesthesia or Ophthalmology/ OTL-HNS/ Anesthesia.

	Group A	Group B	Group C	Group D
Week 1	Ophthalmology	OTL-HNS	Anesthesia	Anesthesia
Week 2	OTL-HNS	Ophthalmology	Anesthesia	Anesthesia
Week 3	Anesthesia	Anesthesia	Ophthalmology	OTL-HNS
Week 4	Anesthesia	Anesthesia	OTL-HNS	Ophthalmology

All course related information is available on Elentra, including site coordinator contact details, course objectives, assignments, orientation documents, simulation days, and Mastery Exercise location.

Please review Elentra for the above up-to-date information.

The Anesthesia course is based on a “flipped classroom” model. You will be required to complete 8 e-modules during your 2 week rotation. A discussion board format will be available to you should you have questions. On the second last day of the rotation, the e-module content will be reviewed with a faculty and resident facilitator using simulation cases, Case Based Learning (CBL) and Anesthesia Jeopardy. All students should have completed the e-modules prior to this day, and be prepared to actively participate.

The following table is a summary of the 2 week rotation. The dates for e-module review are suggestions only. **However, the 2 simulation modules must be reviewed prior to**

Entry Sim Day.

Day 1	Day 2	Day 3	Day 4	Day 5
Orientation OR Day Review SIMDAY Modules*** PM both Module I & II	SIM DAY 1: ALL DAY AT SUNNYBROOK Review Pre-op & Airway module PM	OR Day Review Pain Module PM	OR Day Review OB and Regional Module PM	OR Day Review Fluid Management Module PM
Day 6	Day 7	Day 8	Day 9	Day 10
OR Day Ensure that all e-modules are complete prior to Day 6	OR Day	OR Day	SIM DAY 2: ALL DAY AT SUNNYBROOK Exit SIM DAY AM Review of e-modules CBL (PM) Anesthesia Quiz (PM)	OR Day (for 1 st rotation block) Anesthesia Mastery Exercise: PM of 2nd rotation block

*Schedule is subject to date changes

Major Objectives of the Rotation:

1. Understand the implications of pre-existing disease for the patient who is to undergo anesthesia, and understand the process of pre-operative assessment.
2. Learn the principles and practices of acute resuscitation as applied to a variety of clinical situations.
3. Become familiar with the management of acute pain in the perioperative period.
4. Acquisition of airway management skills
5. Involvement in team centered care.

Detailed objectives are included in the manual. Please review these. Your written Mastery Exercise will be formulated from these objectives.

Clinical Schedule

Students will be assigned to a faculty staff member in the operating room, labour floor, pre-admission clinic or pain service. You will be given a “Topics for Discussion” form in your orientation package. You can review these topics with your faculty member and have them sign off areas discussed to avoid duplication of informal teaching.

Assignments for the following day are made in the afternoon. Should you have a specific

request, you can ask the Anesthesia Coordinator to schedule you in that location. They will try to accommodate you, but this may not always be possible. There may be some evening shifts, but there will not be overnight call.

E-modules

You will be required to complete 8 e-modules during your 2 week rotation. **The Simulation Day e-modules must be completed prior to Sim Day 1.**

1. Simulation Module I- Introduction & Basic airway management (skills)
2. Simulation Module II- ACLS guidelines, Team functioning
3. Pre-operative Assessment
4. Airway
5. Pain
6. Obstetrical Anesthesia
7. Regional Anesthesia
8. Fluid Management

All modules will contain pre and post module tests. **These are compulsory but will not be used for evaluation purposes.** A discussion board will be available on Elentra to ask questions regarding the e-module content.

PowerPoint slides from previous seminars and recorded seminars (around the e-module content) can be accessed through Elentra for students wishing to use this platform for learning.

Seminar

On day nine following EXIT SIM DAY, a review of the e-module content will occur in the afternoon in the form of case based learning (CBL) and Anesthesia Jeopardy.

Entry Simulation Day

The rotation includes two days at the Simulation Centre at Sunnybrook. The first simulation day usually occurs on Day 2. **Prior to attending Simulation Day, you will be required to complete the two interactive e-modules that highlight the clinical knowledge that is required for the day. The modules are available through a link on Elentra.** The morning session includes training on IV skills, airway management and fluid responsiveness using ultrasound. The afternoon involves case scenarios using simulation to learn ACLS protocols, communication and collaboration skills during critical events in a simulated operating room. Students will manage critical events with their fellow student's role playing operating room personnel (TBL). There is no evaluation associated with this day, however **attendance is mandatory.**

Exit Simulation Day and Module Review

On the second last day of the rotation, there will be an exit simulation half day at Sunnybrook. This will incorporate pre-operative, intraoperative and post-operative cases. **This will not be used in your evaluation.** You will again work through the scenarios with teams (TBL).

In the afternoon you will remain with your teams and work through Anesthesia Jeopardy and Cased Based Learning (CBL). Your result will be added to the morning results. Again, **this will not be used for evaluation purposes.** The winning team will be posted on Elentra.

Attendance is mandatory.

Clinical Evaluation and Mastery Exercise

You will receive a clinical assessment each day by your assigned faculty member. Assessments are generated through Medsis, you are responsible for triggering these. Should you not be able to attend due to illness, you must contact your site coordinator. Contact information is available on Elentra. Your clinical grade is worth 40% of your final grade.

Your mid-rotation feedback will occur on day 5 of your rotation. In your orientation package you will find a form labeled mid-rotation feedback. Please fill out the form with areas that you feel you need more exposure to during your rotation. Then page your site coordinator for your review. Your Case Logs will be reviewed during this time. It is your responsibility to keep this up to date. Should areas of weakness be identified, then a formal plan will be outlined for improvement.

On the last day of the 4 week rotation you will write a one hour Mastery Exercise. The Mastery Exercise will contain MCQ and key feature questions, and will be worth 60% of your final grade. Your Ophthalmology/OTL Mastery Exercise will occur in the morning and your Anesthesia Mastery Exercise will occur in the afternoon. You must pass both components (clinical and written) to pass the rotation. The passing mark is 60%.

If any problems arise please feel free to contact me at anita.sarmah@sunnybrook.ca

Have fun and enjoy! You will be learning valuable skills that could help you save a life in the future!