Today’s Session

• Orientation: 30 minutes
• Airway Lecture: 45 minutes
• Airway Skills Workshop: 45 minutes
• Simulation Workshop: 45 minutes
Aims and Goals

• To give you essential info about your rotation
• To familiarize you with the aspects of Anesthesia practice that are unique to this rotation (Airway, real-time physiology)
Orientation: Objectives

• At the end of this introductory lecture, medical students will be able to:
  – Identify contacts at the Civic and General to help with problems, concerns, or special requests
  – Describe goals and objectives for the rotation
  – Locate learning resources for Anesthesia
  – Describe the structure of the rotation
  – Describe the evaluation process for the rotation
Rotation Supervisors

• Undergraduate Director: Dr. Nikhil Rastogi (General)

• Undergraduate Rotation Coordinator: Julie Ghatalia (Civic)
Site Contacts

• General Campus:  France Greenwood
  Office Manager - Anesthesia Dept.
  Critical Care Wing
  Rm 1401

• Civic Campus:  Julie Ghatalia
  Undergrad. Coordinator - Anesthesia Dept.
  Rm B302
  (613) 798-5555 ext. 17886
  uganesthesia@ottawahospital.on.ca

Dr. Amy Fraser
Goals of the Rotation

• Learn important perioperative considerations
• Develop procedural skills
• Obtain an overview of the scope of anesthesia practice
• Have fun!
Objectives of the Rotation
Knowledge Objectives

- Periop aspiration risks/fasting guidelines
- Fluid management
- Blood transfusion therapy
- Post-op pain management
  - approach
  - modalities
Knowledge Objectives

• Medications
  • Opioids
  • NSAIDS
  • Local anesthetics
  • Vasoactive drugs
  • Induction agents
  • Muscle relaxants
  • Inhaled anesthetics
  • Antiemetics
Skills Objectives

- Preoperative patient assessment
  - Hx, PE (including AW exam), labs
- Application of monitors (ECG, BP, SaO₂)
- IV insertion
- Airway management
  - Relief of airway obstruction
  - Bag/mask ventilation
  - LMA insertion
  - Intubation
- ABC approach to crisis situations
Professionalism, Communication and Collaboration Objectives

• **Expect:**
  – Punctuality, attendance
  – Familiarity with orientation manual
  – Respectful and courteous behaviour toward patients, O.R. team, administrative staff
  – Proper O.R. or clinical attire at all times

• **Breaches:**
  – Unnecessary pt exposure, disparaging remarks
  – Failure to submit rotation documentation
First Day of Your Anesthesia Rotation

Please report to Julie (Civic) or France (General) at 7:30 am.

An assigned anesthesia resident will give you a site-specific tour and orientation for the rotation.
Structure of Rotation

• 2 week rotation
• Assigned to a staff anesthesiologist daily
• May be co-booked with a senior anesthesia resident
• Civic students: might be booked at Riverside, please check schedule the day before
Call

• 1 evening of “call” per rotation (4:00pm - 10:00pm)
  – scheduled in the O.R. 7:30am-3:30pm (booked out for teaching sessions if applicable)
  – show up at 4:00pm
  – expected to work the next day

• Safety:
  – Security available to accompany to car after hours
  – Ext: 14888
Daily Routine

• 07:40 am
  – Arrive in OR (in greens)
  – Set up IV bag/tubing
  – See first patient, do a focused Hx and PE
    • PMHx, Meds, Allergies
    • Personal and family anesthetic history
    • Airway assessment, auscultation heart/lungs
    • Review patient with anesthesiologist

• 08:00 am
  – First case surgical start time
Punctuality

• Let me say it again…
• Please arrive at the Operating Room, dressed and ready to work, at **07:40!!**

• If you are late, you will not have time to meet and assess the patient
• If you do not assess the patient, you will not do the procedures for that patient
Daily Routine

- 3:30 pm
  - Usual finish time for O.R.
  - Check O.R. schedule for next day
  - 10% of patients are admitted to hospital pre-op
  - If any of your patients are in hospital the day before, do a preoperative visit on the ward and try to touch base with the staff you are scheduled to work with next day
Lectures

• Taped Power Point lectures (mandatory)
  – Lecture topics (total @ 6hrs):
    • Pre-operative assessment
    • Induction/maintenance of anesthesia
    • Hemodynamic changes during anesthesia
    • Pharmacology
    • Perioperative complications
    • Acute pain management
    • Video on laryngoscopy (optional)

• Basic powerpoint available for printing
Lectures

- Available One45 and in both Anesthesia Dept. computer labs.
- If problems accessing lectures please notify France (General) or Julie (Civic) asap if still unable to access lectures
Rounds

• Resident Rounds (General Campus only)
  – Tuesday mornings, 0700h
  – Anesthesia Dept, CCW, Rm 1401

• Grand Rounds (Both campuses)
  – Wednesday mornings, 0715h
  – General Campus: CCW, Rm 1492
  – Civic Campus: Amphitheater

• No rounds during the summer months (July-August)
Recommended Reading

- "Anesthesia for Medical Students, 2nd ed."  
  PJ Sullivan, MD  
  - Out of print, no longer available in bookstore
- "A Brief Introduction to Anesthesia"  
  K. Raymer and R. Kolesar

- Both texts can be borrowed (either campus) with a refundable $25.00 deposit/book
Evaluation

• Give evaluation card to preceptor(s) daily
  • preceptor will forward to undergraduate director
  • final evaluation based on collected cards

• Students must fill in daily evaluations of preceptors on one45
  – significant concerns should be discussed ASAP with the undergraduate director
  – student nominations used for annual anesthesia undergrad teaching award
Evaluation - Feedback

• Preceptor feedback (on knowledge/skills) usually given throughout the day rather than a formal session at end

• **If you feel you have not received sufficient feedback, it is your responsibility to solicit it** (take an active role in your learning!)

• Ask about:
  – what you’ve done well
  – what you can improve upon and how
T-Clerk Tracking

• Nationwide initiative at University level to quantify med student exposure
• Students track number and types of cases/procedures (T-RES)
• MUST generate a T-LOG report at the end of your Anesthesia rotation
  – rotation evaluation will NOT be done unless T-LOG reports are submitted
Mid-Unit/End of Rotation

- **Mid-Unit (end of week 1)**
  - email from Julie
  - should have achieved at least one of each procedure
  - if not, notify Julie to assure adequate exposure by end of rotation

- **End of Rotation**
  - appointment
  - fill out preceptor/rotation evaluations (prior to meeting)
  - must bring:
    - copy of T-Log report
    - Rotation evaluations
    - anesthesia handbooks (if borrowed)
Exam

- Exam (end of 12 week block)
  - 20 multiple choice questions
  - 4 CDM/LMCC-type Q’s (clinical decision-making)
- Fair, based on objectives provided
Questions?

CURIOSITY
It won't hurt to just check it out.