

Name of Rotation:	Anesthesia - SJHC
Description of Rotation:	<p>The objectives for this elective can be made quite flexible according to the needs of the candidate. Previous elective candidates from the Dept. of Family Medicine have done this rotation with a view to:</p> <p>Simply learn what the anesthesia experience is all about so they can better prepare and inform their future patients Enhance their airway management skills and resuscitation skills with a view to practicing in an acute care situation in the future</p>
Rotation Contact:	Lori Dengler
Description of Clinical Duties:	The resident is assigned to an OR each day of the rotation. Core airway skills will be taught, along with various other anesthesia management techniques as encountered on a case-by-case basis.
Sample Schedule:	Residents are assigned Monday through Friday.
On-Call Requirements:	none
Description of Setting:	<p>The resident will become familiar with the operating room culture from the point of view of the anesthesiologist. This will include:</p> <p>Pre-operative assessment and preparation of the patient for surgery Assessing perioperative risk Prioritizing preoperative care Collaborating the Pre-assessment Clinics, Daycare Surgical Units and the Post-Anesthetic Recovery Room</p>

<p>Supervision:</p>	<p>Evaluation:</p> <p>Daily ongoing feedback from consultants and Anesthesia residents</p> <p>End of rotation discussion with hospital Program Coordinator and completion of written evaluation form as required by Family Medicine.</p> <p>EPA Assessments will be completed as requested.</p>
<p>Clinical Content:</p>	<p>Upper airway management including airway maneuvers and airway adjuncts</p> <p>Airway control focusing on intubation Use of techniques to enhance oxygenation in both the non-intubated and intubated patient</p> <p>The resident will develop skills of bag/mask ventilation as well as the use of mechanical ventilators</p> <p>Vascular Access including venous (peripheral intravenous catheters of varying sizes and central venous catheterization) and arterial puncture and catheterization</p>
<p>Objectives/Expectations:</p>	<p>The resident will be able to describe the therapeutic uses and risks of the use of supplemental oxygen</p> <p>The resident will be able to discuss normal cardiovascular and respiratory physiology and the disease associated changes that will affect the management of an anesthetic</p> <p>Pharmacology</p> <p>a) Central Nervous System - the resident will be able to describe the use of anesthesia induction agents and sedatives including indications, dosages, contra-indications and side-effects</p> <p>b) Inhaled Anesthetics - the physics and pharmacology of the inhaled anesthetic agents will be understood.</p> <p>c) Analgesics - the resident will be able to describe the use of various analgesic agents in the maintenance of anesthesia and in the management of postoperative pain, including a</p>

	<p>physiologic rationalization for the selection of various agents.</p> <p>d) Peripheral Nervous System - the resident will be able to discuss the pharmacology of local anesthetic agents including mechanism of action, uptake and distribution, and toxicity.</p> <p>e) Chronic Pain - the resident will have an exposure to basic concepts in chronic pain management including the agents useful in the management of chronic pain syndrome.</p> <p>f) Respiratory - the resident will understand the effects of various pharmacologic agents on the respiratory system when used in anesthesia. This will include being able to describe respiratory depressant effects, the suppression of airway reflexes and effects on bronchodilation.</p> <p>g) Cardiovascular - the resident will understand the pharmacology of common cardiovascular agents including inotropes, vasodilators, vasoconstrictors and chronotropes.</p>
Level of Residents Accepted:	PGY1,PGY2, PGY3
Teaching:	Off service residents are welcome to attend all rounds and AHD presentations/teaching but are not required.