

## INTERN DAY 3

### Course Objectives:

Duration:	Two hours, paired with another intern
Faculty:	One instructor/operator
Location:	Briefing room and simulation suite
Schedule:	Blocked out of OR time Potential after-hours debriefing
Purpose:	To refine and choreograph an independently-performed induction sequence. To recognize and treat common causes of hypoxemia.
Preparation:	Review and study the videotaped demonstration, "Induction Choreography" by Dr. Gillespie Develop and rehearse mental images of your own thorough induction sequence. Read basic materials on pulmonary physiology, atelectasis and shunt.

At the end of Day 3, the anesthesia intern will:

- Critique the videotape, "Induction Choreography" with the Instructor.
- Review the etiology and physiology of hypoxemia and oxygen transport.
- Alveolar gas equation
- Shunt equation and significance of mixed venous pO<sub>2</sub> and FiO<sub>2</sub>
- Atelectasis and V/Q ratios
- The O<sub>2</sub> dissociation curve and oxygen content/delivery
- Perform a choreographed induction sequence without any assistance.
- Respond to the onset of hypoxemia after consideration of DDx; treat effectively
- Review and debrief their videotaped performance in the debriefing room.
- Observe and critique their colleague's performances

Modified and updated May 13, 2004 by Dr. Olympio.