

Journal Club
Department of Anesthesiology
University of Ottawa

Date: October 16, 2006

Location: Kaminski Room, Civic Campus.

Meals and beverages will be available at 17h30.

The Journal Club will start at 18h00 to finish at 19h30.

Journal Club Theme: “Anesthesia for thoracic surgery: A potpourri of interesting topics”

Articles selected by Calvin Thompson, MD, FRCPC

Objectives:

- 1) Review the evidence supporting the value of thoracic epidural analgesia to prevent anastomotic leakage after esophagectomy.
- 2) Review the limitations of retrospective study and database research to explore morbidity causality.
- 3) Learn a little trick to improve fluid leakage around double lumen endotracheal tubes.
- 4) Review the evidence supporting the use of low tidal volumes during one-lung ventilation.

Articles and Presenters:

- 1) Michelet P, et al. Perioperative risk factors for anastomotic leakage after esophagectomy. *Chest* 2005; 128:3461-6.
Presenter: Jenn Backstrom, MD, PGY-3.
- 2) Sanjay PS, et al. The effect of gel lubrication on cuff leakage of double lumen tubes during thoracic surgery. *Anaesthesia* 2006;61:133-7.
Presenter: Shawn Hicks, MD, PGY-3
- 3) Wrigge H, et al. The effects of different ventilatory settings on pulmonary and systemic inflammatory responses during major surgery. *Anesth Analg* 2004;98:775-81.
Presenter: Amy Rodgers, MD, PGY-3
Two articles (Pro and Con Debate) accompany this article:
 - i. *Slinger P. Pro: Low tidal volume is indicated during one-lung ventilation. Anesth Analg* 2006;108:268-70.
 - ii. *Gal TJ. Con: Low tidal volume s are indicated during one-lung ventilation. Anesth Analg* 2006;108:271-3.

The Journal Club is an accredited group learning activity, as defined in Section 1 of the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

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