

4i Invasive Interventions In Intensive Care

An interactive masterclass in anatomy and hands-on training for invasive interventions and advanced airway management
09 - 10 November 2019

Welcome to the only course in New Zealand providing an in-depth training of invasive interventions for intensive care and advanced airway management in a realistic cadaver lab environment. This **two-day workshop** is jointly run by the Department of Surgical Sciences - Section of Anaesthesia and Intensive Care and the Department of Anatomy, University of Otago. Participants will be provided with the unique opportunity to practice invasive interventions and to train their dexterity, problem-solving and team-working skills. This in-depth training will be facilitated using **Thiel-embalmed** human tissues with lifelike haptic and optical properties as in real patients.

The Department of Anatomy provides a unique environment with operation-theatre-like facilities, and an encompassing collection of prosections and plastinates enhancing the learning experience.

Suitable for trainees and experienced practitioners in Intensive Care, Emergency Medicine, Anaesthesia and Rural Hospital Medicine, participants will learn in small groups with only four participants per cadaver and instructor. The sessions will be supplemented by focused tutorials on the relevant topographic anatomy.

Registration deadline: 27 September 2019

Contact and registration:

Dr. Yusuf Cakmak

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4i

Invasive Interventions In Intensive Care

Course details

The course will include short lectures and tutorials with prosections and plastinates, followed by expert-guided training of the respective interventions as the core component. Assistance will be available throughout by experienced intensivists and anatomists. Participants will find plenty of time to practice, using human cadavers with lifelike tissue properties only available at the University of Otago. The course will take place in the Surgical Anatomy Laboratory facilities of the Anatomy Department.

Maximum number of participants 12 (4 participants / cadaver)

Thoracic procedures

- Lung ultrasound
- Detection of pneumothorax and identification of lung point
- Detection and quantification of pleural effusion
- Anterior needle thoracocentesis
- Chest drain insertion using the Seldinger technique and mini-thoracotomy

Advanced airway management

- Fibre-optic intubation (both oral and nasal)
- Fibre-optic intubation via second generation supraglottic airway
- Percutaneous tracheostomy
- Crico-thyroidotomy

Course fee \$ 1,560, excl. GST, travel and accommodation cost, credit card fees

Provided materials Disposable gowns and gloves, all materials.
Catering will be provided throughout the course on site.

Course coordinators



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