

North East London Anaesthesia Novice Course

The aim of this Course is to provide a formal organised introduction to anaesthesia for new trainees in North East London. It will provide valuable preparation for EPA 1 and 2, in order to obtain the Initial Assessment of Competence in Anaesthesia.

The course consists of 4 full day tutorials and interactive workshops, and one day at the medical simulation centre, when trainees will all have a chance to 'manage' an anaesthetic emergency.

The course organisers are Dr Nusrat Usman and Dr Duncan Mitchell. An outline of the course programme is below:

Week 1: Basics Day

- Introduction to course
- Professionalism
- Consent and Documentation
- Pre-operative assessment
- Ventilators and monitoring

Week 2: Airway Day

- Airway assessment
- Airway equipment
- Rapid sequence induction
- Extubation
- Muscle relaxants and reversal
- The difficult airway
- Failed intubation drill
- Front of neck access

Week 3: Drugs and Equipment

- Induction agents
- Inhalation agents
- TIVA
- Antiemetics
- On call for the pain team
- Breathing circuits
- Invasive monitoring
- Anaesthetic machine check

Week 4: Resuscitation

- Advanced life support and treatment algorithms
- Post resuscitation care and transfer of the critically ill patient
- Fluids
- Sepsis
- Critically ill patient scenarios
- Emergency Laparotomy

The Simulation Day

- Introduction to day and simulator

- Familiarisation
- Rapid sequence induction
- Common and important anaesthetic scenarios

Venue:

Education Centre, Education Academy, Basement- Dental Hospital, The Royal London Hospital, Whitechapel, London, E1 1BB

Teaching days start at 9am.

Simulation days start at 8am. Allocations will be posted on the website in due course.

Refreshments:

Lunch will be provided at your simulation day only.

Due to restrictions with funding, we are unable to provide lunch for the teaching days.

There are many cafes and shops in the local vicinity however, and you're welcome to bring your own food to the Education Centre.

Useful resources for novice anaesthetists

Royal College of Anaesthetists Guide for Novice Trainees:

<https://www.rcoa.ac.uk/documents/novice-guide/introduction>

We recommend that all of our novices look through this guide before and during their first few months of training in anaesthesia. It includes the majority of the documents and learning resources needed to support the first 3-6 months of training. The main sections of the guide are as follows:

Curriculum

This includes an overview of the curriculum and details about the the Initial Assessment of Competence. This section also includes links to the curriculum and to learning resources mapped to each training unit. In particular, the IAC workbook is a useful resource.

E-Learning Anaesthesia

This contains information about the Royal College of Anaesthetists e-Learning Anaesthesia programme, how to register for access and offline versions of the 82 sessions from Module 1: Introduction to Clinical Anaesthesia. This module was specifically designed to cover the core knowledge and skills a novice trainee requires in the first 3 months of training.

Getting Started

This contains information from trainees and trainers about your role/responsibilities as a trainee as well as guidance about the training program and key milestones.

Other Resources

This section contains links to clinical guidelines (AAGBI), emergency algorithms (DAS, resuscitation), information about keeping a logbook and other useful resources.

Help and Support

This section includes guidance from the lead college tutor about how to get help and support if you experience difficulty at work or with any other issues that may affect your performance or training.

The anaesthetic machine check

On day 3 of novice teaching we will allocate a session to the anaesthetic machine check. This is not intended to teach you how to do a machine check from scratch. It is to consolidate on learning from within your own department and to troubleshoot problems. To get the most out of the session, you will need to do some reading and go through the machine check with a consultant/senior trainee/ODP in your department, using the AAGBI guidelines. We recommend that before coming to day 3 of the course you run through the machine check with an ODP or anaesthetist in your own workplace.

The AAGBI checklist can be found here:

https://www.aagbi.org/sites/default/files/checklist_for_anaesthetic_equipment_2012.pdf