

## **ADVANCED OBSTETRIC ANAESTHESIA TRAINING**

### **INFORMATION FOR APPLICANTS**

The Advanced Obstetric Anaesthesia Training (AOAT) module is aimed at trainees planning for a career as Consultant Anaesthetists with an Obstetric interest. The AOAT aims to build on skills acquired during the higher/stage 3 Obstetric block by extending the scope of training to advanced clinical skills, Research, audit, education and management in Obstetric Anaesthesia.

This post is jointly administered by the West of Scotland Obstetric Anaesthetists (WoSOA) and the West of Scotland School of Anaesthesia (WOSSA).

### **Applying to the post**

The post is open to all West of Scotland trainees. Applicants should be at ST5 stage or higher at time of application, and should be ST6 or beyond when commencing the post. Appointment to the post is subject to approval by the WoS training committee.

The duration of the post is six months and two trainees will be in post at any one time. Four posts are available for each year with August and February start dates. The posts are advertised in December. Application forms are available on the WoSOA website, with links on the NES and the WOSSA websites. Shortlisted applicants will be invited for an interview. The selected trainees will be allocated start dates in August or February.

### **Early applications and part time training**

Trainees wishing to apply more than a year in advance and trainees wishing to train part time are advised to contact Dr White before applying.

### **Structure**

The following Hospitals participate in the AOAT.

- Princess Royal Maternity, Glasgow (PRM)
- Maternity Unit, Queen Elizabeth University Hospital (QEUH)
- Maternity Unit, Royal Alexandra Hospital, Paisley (RAH)
- Ayrshire Maternity Unit, Crosshouse Hospital, Ayrshire
- Maternity Unit, Wishaw General Hospital

The structure is flexible and the trainees are encouraged to choose the units and areas of training according to their specific training requirements and interests. The schedules of the two trainees are co-ordinated to ensure their schedules do not overlap.

All trainees will have a dedicated supervisor/ mentor for the entire duration of their fellowship. The supervisors will help the trainees plan their block and monitor and guide their progress through the fellowship. The AOAT coordinators for each unit will help the trainees plan their schedule in advance.

Further details of methods and tools used for the assessment are in the Objectives and trainees handbook.

### **Objectives**

A summary of training opportunities in each of the units participating are listed below  
Short visits to Maternity Units outside the region (Simpson's Maternity Unit, Edinburgh) or international units are supported.

### Centres, resources and training opportunities

	Clinical resources	Teaching and Education	Management
<b>PRM</b>	6000 del/ year C Section rate – 50% Obstetric High Dependency Anaesthetic High Risk Clinic Intraoperative Cell salvage training Placenta Accreta Spectrum (PAS)	Monthly CPD programme Joint Obstetric/ Anaesthetic CPD Obstetric Anaesthesia M&M meetings	Labour ward Management Clinical Risk Management
<b>QEUH</b>	6500 del/ year Section rate 33% Obstetric High Dependency EXIT procedures Laser ablation of twin – twin transfusion Obstetric – Cardiac clinic Obstetric – Haematology clinic	Obstetric Anaesthesia grand rounds M&M - quarterly Weekly trainee teaching - Tues pm	Labour Ward Management Risk Management Obstetric Anaesthesia Consultants Group Meeting
<b>RAH</b>	3500 del/ year Caesarean section rate – 43% in 2022 Abdominal cervical suture service Remifentanil service Curvilinear probe for USS spine	PROMPT course OBSTOBERFEST tutorial programme annually	Labour ward Management Weekly risk meetings
<b>Ayrshire Maternity</b>	3500 del/ year Anaesthetic High Risk Clinic PCEA Open access Remifentanil PCA Obstetric high dependency	MOET course yearly (usually around March) PROMPT course (monthly) Simulation training	Labour ward Management Clinical risk Management Obstetric Anaesthesia Business Meetings
<b>Maternity Unit Wishaw Gen Hospital</b>	4800 del/year 4800 del/year C Section rate – 34% Obstetric High Dependency Anaesthetic High Risk Clinic Obstetric MOT, Medical Obs, twin clinics	Teaching & Education: PROMPT & REACT courses Weekly trainee teaching Monthly CME Programme MDT Simulation	Management: Labour ward Clinical Risk Management incl. SAER

### Clinical

Areas for focus within clinical activities include

- Management of elective Caesarean birth lists
- Labour analgesia with PCEA
- PCA Remifentanil
- High Dependency and critically ill obstetric patients
- Post op Recovery
- Medical emergencies and Resuscitation in Obstetrics
- High Risk and medically complicated obstetric Clinics
- EXIT procedures and other intrauterine surgery
- Advanced clinical skills – Cell salvage, ROTEM and Thromboelastography

## Research, Audit and Evidence Based Medicine

Research and evidence based medicine is an essential part of the fellowship. Trainees are encouraged to design at least one clinical research or audit project as a co-investigator during the fellowship. Particular areas of focus are:

- Literature survey and writing a study protocol
- Submitting an application to the research ethics committee
- Arranging funding
- Statistical analysis.
- Summarising and writing up results for publication

**Glasgow Clinical Research Facility (GCRF)** offers courses on evidence based medicine and various aspects of research and statistics. They are free for NHS GGC employees and the AOAT trainees should utilise these opportunities.

Trainees should aim to present their study as a poster or an oral presentation in the Annual OAA meeting. There are other regional meetings which are suitable (WoSOA, SSAPS).

Trainees will have access to experienced researchers for guidance in planning and conducting projects.

## Education and Teaching

The AOAT offers opportunities for teaching activities involving different groups

Medical Students

New start obstetric anaesthetic trainees

Midwives and Anaesthetic assistants

Simulation training is available in Crosshouse. Simulation based Research and Educational activities in the Scottish Simulation centre are supported. Most units have semi fidelity simulators which are suitable for small group teaching and workshops. All of our units have local CPD programmes and Morbidity and Mortality meetings.

## Management

Management training opportunities include

- Labour Ward management meetings
- Clinical Risk management meetings
- Obstetric Anaesthesia Business meetings

## WoSOA activities and resources

All AOAT trainees are co-opted as members of the WoSOA Executive committee. WoSOA have a busy yearly schedule of CPD and Educational programmes.

- Evening CPD meetings – year round
- AOAT Trainee evening meeting in May/ June. This meeting is to allow AOAT trainees to present their research or audit projects.
- Annual Study Day in November with a poster session and a midwife teaching session

In addition to providing opportunities for teaching and presentations, trainees can acquire management experience in event organisation.

## Additional resources from WoSOA

WoSOA offers grants for Obstetric Anaesthesia related research and audit projects and travel bursaries. The application forms and selection process are available from the WoSOA website.

## Further information and contact

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