Subspecialty Trainee in Maternal and Fetal Medicine

This is an RCOG accredited subspecialty training post in Maternal and Fetal Medicine. The post is suited to a highly motivated and enthusiastic individual with a genuine interest in becoming a Maternal and Fetal Medicine Subspecialist. The successful applicant would undertake their training at St Mary’s Hospital, Manchester (SMH).

Saint Mary’s Hospital relocated in 2009 to a new purpose built, state of the art facility and is an integral part of Central Manchester University Hospitals NHS Foundation Trust. The University of Manchester is situated within walking distance of the Trust and the Medical School is directly adjacent to the Trust.

In addition to providing secondary services for the local population, Saint Mary’s also provides tertiary services to the North West in Obstetrics, Fetal and Maternal Medicine, Gynaecological Oncology, Urogynaecology, Reproductive Medicine, Genetics, Neonatal Medicine and Neonatal Surgery.

In 2010-11 there were about 6500 deliveries with about 20% of this activity being tertiary in nature. In the coming year, we anticipate that this number will rise to 7500-8000, as other maternity units in Greater Manchester close. Despite this high level of activity, our inner city population and tertiary work, the Unit maintains LSCS rates below 20% which is well below the national average and significantly lower than most comparable tertiary units.

Specialist joint clinics exist for endocrine disorders (mainly diabetes), haematological disorders, renal / hypertensive disorders, HIV, obese women and cardiac disorders, as well as a multiple pregnancy clinic and prematurity clinic. There are also well established services for women with drug and alcohol problems and teenage pregnancy, with multidisciplinary team working to ensure optimal and holistic care for these vulnerable groups of women.
### Obstetric Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr SH Vause</td>
<td>Subspecialist in Fetal Maternal Medicine and Subspecialty Training Programme Supervisor</td>
</tr>
<tr>
<td>Dr MJA Maresh</td>
<td>Consultant in Obstetrics (high risk) and Associate Medical Director of the Trust</td>
</tr>
<tr>
<td>Dr PJ Bullen</td>
<td>Subspecialist in Fetal Maternal Medicine, Clinical Director for Obstetric Services</td>
</tr>
<tr>
<td>Dr K Chan</td>
<td>Subspecialist in Fetal Maternal Medicine</td>
</tr>
<tr>
<td>Mr LE Edozien</td>
<td>Consultant in Obstetrics and Gynaecology,</td>
</tr>
<tr>
<td>Dr LM Byrd</td>
<td>Consultant in Obstetrics, Associate Lead for Medical Education</td>
</tr>
<tr>
<td>Dr J Gillham</td>
<td>Subspecialist in Fetal Maternal Medicine</td>
</tr>
<tr>
<td>Dr E Johnstone</td>
<td>Senior Lecturer in Obstetrics, Subspecialist in Fetal Maternal Medicine</td>
</tr>
<tr>
<td>Dr M Whitworth</td>
<td>Consultant in Obstetrics</td>
</tr>
<tr>
<td>Dr R Howell</td>
<td>Consultant in Obstetrics and Gynaecology, Local Education Provider Specialty Lead</td>
</tr>
<tr>
<td>Dr U Winters</td>
<td>Consultant in Obstetrics and Gynaecology</td>
</tr>
<tr>
<td>Dr J Myers</td>
<td>Senior Lecturer in Obstetrics</td>
</tr>
<tr>
<td>Dr C Tower</td>
<td>Subspecialist in Fetal Maternal Medicine</td>
</tr>
<tr>
<td>Dr R Samangaya</td>
<td>Subspecialist in Fetal Maternal Medicine</td>
</tr>
</tbody>
</table>

We have a consultant on-call for obstetrics and a separate consultant on-call for gynaecology at all times.

With regard to junior staffing, there are the equivalent of 16 first on call doctors and 20 middle grade doctors. The rota is New Deal and EWTD compliant. The subspecialty trainee will participate in the middle grade rota which involves a full shift pattern.

### University Links

The Maternal and Fetal Health Research Centre in St Mary's, led by Professor Colin Sibley, is one of the largest such groups in Europe (80 plus
staff including clinician-scientists, scientists and research midwives) and is integrated with the St Mary’s Obstetric tertiary referral unit.

**Links with Other Departments**

The Fetal Medicine Unit is an integral part of St Mary’s Hospital, and is staffed by the Fetal Maternal Medicine subspecialists, a paediatric cardiologist and specialist midwives. The Unit sees over 500 cases of fetal abnormality from throughout the Region each year. Many of these cases require delivery at St Mary’s Hospital because of the co location of the neonatal surgical unit, thus a large number of structural abnormalities are seen annually. The full range of invasive prenatal diagnostic procedures is available within SMH, and there is an established intrauterine transfusion service. There is a large referral base for tertiary assessment of small babies and complicated multiple pregnancies, many of which ultimately deliver at St Mary’s Hospital. Because of the above expertise, and the Regional Neonatal Medical Unit being situated in St Mary’s Hospital, a large number of cases are transferred here for delivery at early gestations, either because of premature labour or maternal and/or fetal disease necessitating preterm intervention.

The Anaesthetic Department provides dedicated consultant cover for the delivery unit. Joint ward rounds take place, and there is close collaboration in patient management. The Regional Neonatal Medical, Surgical and Genetics Departments are based within SMH, and there are regular joint meetings and informal contacts.

**Requirements for the Post**

The candidate must fulfil the requirements for entry to subspecialty training as listed on the RCOG website and either

- Hold a UK National Training Number (NTN) or equivalent with successful completion of clinical training to ST5 level, confirmed by RITA C or ARCP outcome 1 or equivalent; and passed part 2 MRCOG.
- Hold a UK CCT or CESR who is formally entered on the UK Specialist Register in Obstetrics and Gynaecology or in possession of a CCT or CESR that will in, due course, entitle the applicant to enter the specialist register. Formal entry to the programme can only be confirmed once formally entered on the UK Specialist Register.
- EEA and Overseas applicants who are listed on the UK Specialist Register in Obstetrics and Gynaecology.
- Overseas applicants who are listed on the UK Specialist Register in Obstetrics and Gynaecology.
The candidate must have sufficient skills in intermediate obstetric ultrasound, and have either the RCR / RCOG Joint Diploma in Obstetric Ultrasound or have completed the RCOG Intermediate Obstetric Ultrasound module.

The candidate must have fulfilled the research requirements as outlined on the RCOG website, and will preferably have obtained a higher degree in a related topic.

The Fetal Medicine service is looking to strengthen its academic potential and hopes this will be an area of genuine interest of the candidate.

**The Program**
The organisation of the training program will consist of a number of fixed weekly sessions throughout the program and a series of modules to comprehensively cover all aspects of the syllabus. The program could be completed either as a traditional subspecialty training program or in conjunction with academic training. The trainee will be supervised throughout the 2 year program by the Subspecialty Training Programme Supervisor (Dr S Vause). Throughout the program, the trainee will be expected to participate in the out of hours on-call rota for obstetrics and gynaecology. For those remaining weeks not covered by the above, the trainee will attend sessions missed when attending modules, as well as spending time in the Antenatal Assessment Unit.

**Modules**

1. Ultrasound / Fetal Assessment / Invasive Procedures (16 weeks)
2. Genetics – Clinical and Laboratory (8 weeks)
3. Pathology (4 weeks)
4. Epidemiology (2 weeks)
5. Neonatal Medicine and Surgery (8 weeks)
6. Maternal Medicine (4 weeks or 1-2 clinics per week)
7. Obstetric Anaesthesia / Adult Intensive Care (4 weeks)
8. Research (16 weeks)
9. Obstetric Drug Liaison Service (2 weeks)
10. Risk Management (4 weeks)

The order in which the modules are completed and the organisation of the individual modules can be adjusted according to the individual learning needs of the trainee and their research or academic interests.
The trainee will be expected to supplement the didactic teaching provided with personal study and reading to ensure all aspects of the curriculum are covered during the training period. The timetable and workload at SMH will allow extensive exposure to the clinical aspects of the program, ensuring the trainee will develop a wide range of experience in the subspecialty. The trainee will be expected to attend courses appropriate to the subspecialty for which funding is available in the postgraduate budget. The trainee will be expected to obtain experience of all aspects of clinical governance during the program and the opportunities for this are many and varied. There is a dedicated research module within the syllabus, but the trainee will be expected to participate in both research and audit throughout the two years. It is expected that the trainee will contribute to local and national meetings, as well as to the literature.

The trainee will be expected to attend induction and all other corporate or clinical mandatory training. They will also be expected to attend the Deanery teaching sessions.