

# Wessex

| Hospital / Centre                        | Placement Name    | Duration (Months) | Educational Supervisor (name and e-mail)<br><br>These will be published unless you ask otherwise              | Compulsory (C) or Optional (O) | Availability Guaranteed (Y/N) |
|--|-------------------|-------------------|---|--------------------------------|-------------------------------|
| Queen Alexandra Hospital, Portsmouth     | Neonatal medicine | 12                | Dr Richard Thwaites<br><a href="mailto:Richard.thwaites@porthosp.nhs.uk">Richard.thwaites@porthosp.nhs.uk</a> | C                              | Y                             |
| Princess Anne Hospital, Southampton      | Neonatal medicine | 12                | <a href="mailto:Helen.fielder@uhs.nhs.uk">Helen.fielder@uhs.nhs.uk</a>  | C                              | Y                             |
| Flexible Year - see programme info below |                   | 12                |   | O                              | N                             |

## Programme Information

The final year of training is flexible and can be organised once the trainee is in post and will be tailored to the learning needs of the trainee. This could include further neonatal training at either Portsmouth or Southampton neonatal units, time in research or time in an allied specialty such as cardiology or PICU at University Hospital Southampton.

## Programme Description

|                     |   |
|---------------------|---|
| Subspecialty:       | Neonatal Medicine   |
| Base Unit:          | University Hospital Southampton NHS Foundation Trust : Princess Anne Hospital,<br>Queen Alexandra Hospital, Portsmouth - Portsmouth Hospitals NHS Trust |
| Deaneries involved: | Wessex  |

### **Outline of Programme**

Wessex Deanery provides a comprehensive and complete range of neonatal training opportunities for Neonatal Grid trainees looking to obtain a Neonatal CCT.

Neonatal training in Wessex is provided in two Neonatal Intensive Care Units (NICUs). These two tertiary units are: University Hospitals Southampton NHS Foundation Trust (UHS) within which neonatal care is provided at the Princess Anne Hospital (PAH), and Queen Alexandra Hospital Portsmouth.

Neonatal Services within the Princess Anne Hospital are part of Southampton Children's Hospital within UHS. UHS is a major university teaching hospital and offers a full range of fetal medicine and paediatric subspecialty services which trainees will gain experience in including: Neonatal Surgery, Urology, Paediatric Cardiology and Cardiac Surgery, Neurology and Neurosurgery, Nephrology, Endocrinology, Respiratory, Gastroenterology and Regional Genetic services. The NICU provides care for all neonates requiring any of the above sub speciality input and provides a complete range of neonatal services. This includes neonatal neurology and a comprehensive neurodevelopmental follow up programme, led by the neonatal neurology team. The neurology team also lead a weekly cranial USS teaching round. Southampton is the base for regional fetal medicine and genetic services and trainees will have the opportunity to be involved in counselling of these parents. Adult tertiary services (for example grown up congenital heart) bring in pregnancies with complex maternal health needs. Trainees will gain outpatient follow up experience by managing clinic lists running alongside consultant lists. There is an active academic department with opportunity for research involvement, together with well established education and simulation programmes. Trainees have opportunities for teaching on the ANNP training course, medical undergraduate programme, nursing work based learning modules, and can develop simulation skills with our multiprofessional simulation programme. The post was recently awarded A star status from combined Deanery and GMC feedback. Southampton also provides the Network transport service for the Southern hub of SONEt (Southampton Oxford Neonatal Transport). Successful applicants will receive transport training and will participate in the transport rota. Trainees are encouraged to participate in governance activities and many undertake a quality improvement initiative.

Queen Alexandra in Portsmouth is one of the busiest maternity units in the country. There are opportunities to attend clinics in fetal medicine, cardiology and genetics. Portsmouth is one of the highest & fastest recruiters to many multicentred trials; with large numbers of extremely low birthweight and extremely premature infants.

Wessex Deanery offers all the clinical activity and diversity that is vital to develop trainee competencies in Neonatal Medicine. This is combined with experience in management, education and a very exciting research programme to complement clinical training. Wessex is a great place to live and work with its proximity to the New Forest, coastline and beaches, easy links to London and Southampton airport for travel further afield.

### **Departmental Information**

- Demographics  
Southampton has 22 ITU/HDU and 16 special care cots.  
Portsmouth has 14 ITU/HDU and 16 special care cots.  
PAH (UHS) has approx 6500 deliveries, 900 neonatal admissions per year and provides neonatal and subspecialty services for the Wessex Neonatal Network (Thames Valley & Wessex Neonatal Network) which includes Poole, Dorchester, Winchester, Salisbury, Basingstoke, Chichester and the Isle of Wight. Neonatal Services also provide neonatal care for the Channel

## Programme Description

Islands and subspecialty neonatal services to other hospitals within the Southern region. Portsmouth has a similar number of deliveries and also provides tertiary medical neonatal services to the Wessex Neonatal Network, as well as taking in utero and ex utero transfers from units outside of Wessex. Both units also have an active community neonatal nursing team to facilitate early discharge.

- Team  
Southampton 9.5WTE Consultants, Lead Dr Victoria Puddy  
Portsmouth 7 WTE Consultants, Lead Dr Charlotte Groves
- Supervisor(s)  
Southampton: all consultants act as educational supervisors.  
Portsmouth: Dr Richard Thwaites for Grid trainees

### **Clinical Training Responsibilities**

The registrar will be responsible for the day-to-day running of the neonatal intensive care unit with supervision from the consultant. This includes admitting, managing and discharging babies, discussing and prioritising referrals, antenatal counselling and supervision of junior staff. Trainees will also contribute to the SONeT transport rota when placed in Southampton. As above the Wessex region is easily able to support trainees to fulfil and exceed Grid curriculum requirements.

### **Workload / Rota Arrangements / Example Timetable**

#### **Southampton Weekly Timetable:**

|  |  |  |
|--|--|--|
| 1 <sup>st</sup> Monday WANDA (Genetics)<br>Other Mondays genetics meeting on unit<br>Weekly risk meetings<br>Business/ steering group/ governance meetings   | Genetics Library<br>Matron's Office<br>Seminar Room                                | 13.00-14.00<br>10.00<br>14.30-17.00  |
| Tuesdays<br>Nutrition Round<br>Consultant Meeting<br>Consultant led clinic with SpR list   | Neonatal Unit<br>Sim room<br>Children's Outpatients                                | 09.30-11.00<br>12.00-13.00<br>14.00-17.00  |
| Wednesdays<br>SpR Teaching<br>Neonatal Grand Round<br>Microbiology round<br>1 <sup>st</sup> PICU/NICU research meeting<br>2 <sup>nd</sup> / 3 <sup>rd</sup> ad hoc teaching<br>4 <sup>th</sup> Neonatal M+M<br>Consultant led clinic with SpR list alternate weeks<br>Cranial USS teaching round | Seminar Room<br>NICU<br>NICU<br>PAH/PICU<br>Seminar Room<br>Children's Outpatients | 08.30-09.15<br>11.00-12.00<br>12.00-13.00<br>13.00-14.00<br>14.00-17.00<br>14.00       |
| Thursday<br>Neonatal Neurology Ward Round<br>Surgical Grand Round<br>Fetal Medicine Meeting<br>Journal Club<br>Consultant led clinic with SpR list<br>Neonatal Neurology Clinic/Neurodevelopmental FU  | Neonatal Unit<br>Seminar Room<br>Seminar Room<br>Unit<br>Children's Outpatients    | 10.00-12.00<br>10.00-12.00<br>12.30-13.30<br>13.30-14.00<br>14.00-17.00<br>14.00-17.00 |
| 3 <sup>rd</sup> Friday Obstetric M+M<br>Neuroradiology Meeting   | Parentcraft Room<br>MRI  | 13.00-15.00<br>09.15 onwards   |

#### **Portsmouth Weekly Timetable:**

|   |                                      |                |
|---|--------------------------------------|----------------|
| Monday<br>Fetal Medicine clinic<br>Fetal Medicine meeting | USS room 1, Antenatal<br>OPD<br>NICU | 09:00<br>13:00 |
| Tuesdays<br>Consultant led teaching                       | Training Room, NICU                  | 08:30          |

## Programme Description

|  |   |  |
|--|---|--|
| Microbiology Meeting   | Training Room, NICU   | 12:30  |
| Wednesdays<br>Journal Club<br>Neonatal follow-up clinic<br>Wednesday afternoon programme:<br>1 <sup>st</sup> - Trainee led education afternoon<br>2 <sup>nd</sup> - NICU Clinical Governance<br>4 <sup>th</sup> - Simulation training<br>5 <sup>th</sup> - Internal Neonatal M+M<br>Audit afternoon and Trigger Incident Meeting - 6 monthly | Training Room, NICU<br>Children's Outpatients<br>Training Room, NICU  | 08:30<br>09:00<br>13:30                            |
| Thursday<br>Neonatal Presentation<br>Neonatal Grand Round<br>Combined Cardiology Clinic (1 <sup>st</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> weeks)<br>Genetic Clinic<br>Neonatal M&M (2 <sup>nd</sup> Thursday)<br>PANDA (Portsmouth Antenatally detected anomalies) meeting (quarterly)  | Training Room, NICU<br>NICU<br>Children's Outpatients<br>Children's Outpatients<br>Parentcraft Room<br>Parentcraft Room | 08:30<br>09:00<br>09:00<br>09:00<br>11:30<br>12:30 |
| Friday<br>Grand Round (Joint Neonatal and Paediatric)  | Training room paediatric dept   | 13:00  |

Both units operate a full shift system with 7 middle grade doctors, supported by ANNPs.

### **Non Clinical Training Responsibilities (expectations of research / audit / teaching)**

There is a thriving academic unit in Wessex based in Southampton with the opportunity to participate in ongoing research. Portsmouth also participates in many of these projects and is a major recruiter to several current multicentre studies. There may be opportunity to apply to formalise this with time out of programme undertaking research projects. There is on-going research on lung and surfactant development, nutrition and neonatal neurology/ neuroimaging and developmental outcomes, and there are opportunities for grid trainees to get involved in local studies as well as national multicentre trials if they wish. All trainees in both units are expected to participate in guideline development and audit and to participate in our well established education programmes. Trainees are encouraged to attend fetal medicine clinics and to develop management skills by participating in Risk, Consultant, Business & Governance meetings.

### **Further training opportunities**

Wessex has an active education programme for senior trainees and this is run in conjunction with the Oxford Deanery. The WONEP (Wessex-Oxford Neonatal Education Programme) includes 12 curriculum based Network education days covering 12 modules including management, ethics and epidemiology. This runs over a 2 year period. These days often include a simulation session mapped to the curriculum. Both Southampton and Portsmouth have well developed Simulation Suites and active neonatal and paediatric simulation programmes. There is also a Southampton simulation faculty training course for those who want to develop simulation skills. There are excellent opportunities for non-clinical career development through the Wessex deanery.

### **Any further information**

Depending on individual needs it is envisaged that trainees will spend one year in Portsmouth and at least one year in Southampton with options to include specialities such as PICU, cardiology, (subject to availability of posts), research or time spent in an approved post abroad .

### **Contact details for unit**

Southampton: Dr Victoria Puddy, victoria.puddy@uhs.nhs.uk, 02381206007/4643

Portsmouth: Dr Charlotte Groves, charlotte.groves@porthosp.nhs.uk, 0239228600 ext 3339

### **Curriculum**

Each subspecialty grid programme covers the RCPCH curriculum as specified on the RCPCH website: <http://www.rcpch.ac.uk/training-examinations-professional-development/postgraduate-training/sub-specialty-training/sub-spec>