This is a 5 and a half year training programme in Chemical Pathology (with Metabolic Medicine) commencing at ST3 and aimed at doctors who can demonstrate the essential competencies to enter this level of training. The programme is designed to support training for a CCT in Chemical Pathology (with the subspecialty of Metabolic Medicine).

The programme is based in the following centre in Health Education England – Wessex:

<table>
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<tr>
<th>HOSPITAL</th>
<th>LOCATION</th>
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<tr>
<td>University Hospital Southampton NHS Foundation Trust</td>
<td>Southampton</td>
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</table>

Health Education England – Wessex is responsible for the planning, development, education and training of the healthcare and public health workforce across Hampshire, Dorset, Isle of Wight and Salisbury. We also provide medical training for the States of Jersey and GP appraisal services for Jersey and Guernsey. We believe that the key to improving the health and healthcare of the 2.8 million people living in Wessex is investment in the skills and values of the 52,000 people working in the NHS and in primary care.

Within the field of postgraduate medical education and training, we manage across primary and secondary care for these health communities – totalling around 2,400 doctors in training at any one time across 12 Trusts and 160 GP practices. In addition, we support the workforce development for GP Practice Nurses and Public Health practitioners as well managing a bespoke GP appraisal service for established GP Practitioners to meet the requirements for revalidation in accordance with the statutory requirements set by the General Medical Council.

We manage training programmes for postgraduate medical training according to the statutory standards set by the General Medical Council (GMC) and have
responsibility for establishing and maintaining quality management systems for all posts and programmes as required by the GMC.

The work of Health Education England – Wessex is guided by the principles embedded within the NHS constitution.

**Rotation Information**

The primary aim of this training programme is for the trainee to gain a wide experience of, and exposure to, Chemical Pathology and Metabolic Medicine, designed to satisfy the requirements of both the Curriculum for Higher Specialist Training in Chemical Pathology from the Royal College of Pathologists and the Curriculum for training in the subspecialty of Metabolic Medicine from the Joint Royal Colleges of Physicians Training Board (JRCPTB).

The trainee will be based in Southampton University Hospital Trust (SUHT). There will be periods of secondment to the Charles Dent Metabolic Unit, the National Hospital for Neurology and Neurosurgery for training in Inborn Errors of Metabolism and also St Mary’s Hospital, Isle of Wight for additional training in Metabolic Bone Disease. It is envisaged that the fifth year will largely be one of consolidation with placement being in accordance with trainee needs.

**Study and Training**

The primary aim of all posts is the training programme developed and there is a region wide syllabus and minimum standards of education agreed by all Trusts within the rotation.

Health Education England – Wessex is committed to developing postgraduate training programmes as laid down by GMC, Colleges and Faculties and by COPMED - the Postgraduate Deans Network. At local level College / specialty tutors work with the Programme Director and Directors of Medical Education in supervising these programmes. Trainees will be expected to take part in these programmes (including audit) and to attend meetings with their nominated educational supervisor.

All posts within the training programme are recognised for postgraduate training by the General Medical Council (GMC) in accordance with their standards for training.

Study leave is granted in accordance with Health Education England – Wessex/Trust policy and is subject to the maintenance of the service.
All posts have a service element and the following covers the majority of duties:

1. Develop an in-depth knowledge of Chemical Pathology and Metabolic Medicine in accordance with the Curriculum for Higher Specialist Training in Chemical Pathology of the Royal College of Pathologists and the Curriculum for training in the subspecialty of Metabolic Medicine from the Joint Royal Colleges of Physicians Training Board (JRCPTB).
2. Liaise between laboratory technical, scientific and medical staff.
3. Attend and participate in Outpatient clinics and ward rounds to obtain broad based experience in the five designated clinical areas (Disorders of Nutrition, Inborn Errors of Metabolism, Disorders of Lipid Metabolism and Cardiovascular Risk assessment, Disorders of Calcium Metabolism and Bone, Diabetes) sufficient to satisfy the requirements of the Metabolic Medicine Curriculum.
4. Undertake the year one assessment and regular workplace based assessments as required by the curricula; work towards and study for Fellowship of the Royal College of Pathologists and maintain continued professional development.
5. Take part in rostered laboratory work.
6. Attend regular educational and multidisciplinary sessions.
7. Undertake audit at various times throughout training.
8. Teach medical students as directed.
9. Co-operate with members of the personnel department when monitoring hours of work and other personnel issues.
10. Comply with all local policies including dress code, annual and study leave

Trust Generic / Specialty Information

- University Hospital Southampton NHS Foundation Trust (UHS) provides local hospital services to some 500,000 people living in Southampton and South West Hampshire and specialist services including neurosciences, cancer care, cardiac services and children's intensive care to more than 3 million people in central southern England and the Channel Islands. UHS is also a major centre for teaching and research in association with the University of Southampton and partners including the Medical Research Council, Wellcome Trust and Cancer Research Campaign.
- UHS offer a comprehensive range of analyses including a regional service for Paediatric Clinical Biochemistry, Trace Element analysis and Specialist Endocrinology.
- Training is overseen by Health Education England – Wessex Pathology School and the Regional Specialist Training Committee for Chemical Pathology, senior medical membership of which includes:
Dr P Cook (Programme Director, Consultant and Educational Supervisor UHS)

Timetable: A timetable will be drawn up for each trainee covering the five key areas of the Chemical Pathology training (Outline Appendix 1) and the minimum clinical training required for Metabolic Medicine (Outline Appendix 2).

Teaching programmes will cover all aspects of the *Curriculum for Higher Specialist Training in Chemical Pathology* with emphasis placed on the acquisition of clinical skills as per the Curriculum for training in the subspecialty of Metabolic Medicine of the JRCPTB which can be found at [http://www.jrcptb.org.uk/specialties/metabolic-medicine-sub-specialty](http://www.jrcptb.org.uk/specialties/metabolic-medicine-sub-specialty)

**Curricula**

The curricula detail the level of knowledge and skill that a trainee should acquire to provide a high quality service at consultant level in the National Health Service (NHS). The Good Medical Practice and core content of the curricula include:

1. Laboratory aspects of chemical pathology.
2. Management and communication
3. Clinical governance, clinical audit and evidence-based medicine.
4. Clinical training in the Chemical Pathology of Disease
5. Direct patient care
6. Recent advances in the clinical and laboratory aspects of the subject as published in scientific literature

The curricula map components of *Good Medical Practice* against the clinical components of Chemical Pathology and Metabolic Medicine.

**Teaching**

The objective of this programme is to educate and train a Specialist Registrar to attain CCT in Chemical Pathology with the subspecialty of Metabolic Medicine in a timely manner and successfully continue their careers as Consultants in the NHS with or without academic appointments.

The programme is based on the following criteria:-
(a) Education and training guidelines established by the Royal College of Pathologists and the JRCPTB. The programme will be managed by the Educational Supervisors (Dr Cook), who will report to the Pathology School Board and thence to the Postgraduate Dean. The Educational Supervisors will be responsible for arranging appraisals and preparation for Annual Review of Competency Progression (ARCP).

(b) Education and training will be provided in:-
   (i) Laboratory techniques and evaluation of results.
   (ii) A spectrum of clinical metabolic diseases.
   (iii) Research methods and concepts.
   (iv) Teaching skills and methods.
   (v) A modular programme that concentrates on self-learning. All modules will be individually planned and assessed.

(c) There will be a concentration on the acquisition of skills in a variety of clinical areas to facilitate future independent clinical practice in these areas.

(d) There will be a concentration on the management skills essential for trainees’ future roles as Consultants. Time management, inter-personal skills in addition to laboratory, clinical and financial management skills will be developed.

(e) Clinical governance, evidence-based medicine and audit will be emphasised to prepare the trainees for their future roles as Consultants and the self-learning aspect of the programme will be directed towards continuing professional development as a Consultant.

Training portfolio

The trainee will be expected to maintain a training portfolio, using the Royal College of Pathologists’ Learning Environment for Pathology Trainees (LEPT), a web-based system for workplace-based assessment (WPBA) and multi-source feedback (MSF) which will also include an e-Portfolio to support the ARCP process. Evidence should be collected for attendance at courses or lectures, whether these are within the hospital, region or international. This should include documented evidence of participation at these times. Training plans, WPBA assessments, appraisal outcomes and self-assessment details should be maintained by the trainee within this portfolio. The trainee will also be expected to demonstrate evidence of IT training and participation in clinical audit and R&D and these should be maintained in the training portfolio.
Trainees accommodation equipment

The trainee will have a desk, access to a secure filing cabinet within shared office space together with access to a PC which can be used for email and for access to the internet. Local Trust policy for use of IT equipment and internet access must be observed.

Some text books are available within the department and there will be provision to provide others in accordance with the trainees needs. Library services provide a good range of medical journals, both hard copy and online, and a good supporting photocopying facility.

Main Conditions of Service

The posts are whole-time and the appointments are subject to:
- The Terms and Conditions of Service for NHS Doctors and Dentists in Training (England).
- Satisfactory registration with the General Medical Council.
- Right to work in the UK.
- Criminal Records Check/POCA check carried out by the Trust Medical HR department.
- Pre-employment checks carried out by the Trust Medical HR department - http://www.nhsemployers.org/your-workforce/recruit/employment-checks

Educational supervisor

The employer will confirm your supervisor on commencement.
General information

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<tr>
<th>Salary Scale / Basic Pay</th>
<th><a href="http://www.nhsemployers.org/your-workforce/pay-and-reward">http://www.nhsemployers.org/your-workforce/pay-and-reward</a></th>
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<td><a href="http://www.nhsemployers.org/your-workforce/pay-and-reward/agenda-for-change">http://www.nhsemployers.org/your-workforce/pay-and-reward/agenda-for-change</a></td>
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<td>Travel and relocation</td>
<td><a href="http://www.wessexdeanery.nhs.uk/policies__procedures/relocation_guidelines.aspx">http://www.wessexdeanery.nhs.uk/policies__procedures/relocation_guidelines.aspx</a></td>
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