

**Yorkshire & Humber Deanery
CHEMICAL PATHOLOGY TRAINING PROGRAMME**

Job Description

Specialty Registrar in Chemical Pathology (ST1 level)

The Training Programme - Overview

Introduction

The Yorkshire and Humber Chemical Pathology training programme is overseen by a single Training Programme Director (TPD). Individual trainees will be based in one of the following regions which each provide Clinical and Educational Supervision:

South Yorkshire: Sheffield

West Yorkshire: Leeds

North/East Yorkshire: York and Hull

Currently, the training programme includes trainees who entered at ST1 level (Chemical Pathology curriculum, 5 years duration) and ST3 level (Chemical Pathology and Metabolic Medicine, 5.5 years duration).

Chemical Pathology and Metabolic Medicine trainees manage patients in a wide variety of areas, including diabetes mellitus, metabolic bone medicine, inherited metabolic disease, lipidology and cardiovascular risk and nutrition (including nutrition support and obesity).

In addition, trainees develop skills in the interpretation of biochemistry and endocrinology results and data, and the practice of chemistry as an analytical science. As they progress to the latter stages of training, they learn about how a clinical laboratory is run, gaining experience in management and clinical governance through quality improvement initiatives and participation in method development.

Organisation of regional training programme

Training occurs predominantly at the main teaching hospital in each region. Trainees will also spend a period of time training at a district general hospital and in paediatric biochemistry. Trainees progress through a structured programme (stages A-D) and pass all parts of the Clinical Biochemistry FRCPATH examination on the way to obtaining a Certificate of Completion of Training (CCT) to allow appointment as a Consultant Chemical Pathologist.

Throughout training, trainees will receive clinical, educational and pastoral support from an Educational Supervisor, and may have additional clinical supervisors as they rotate to the different clinical areas of the curriculum.

General information about Chemical Pathology training the UK is available on the website of The Royal College of Pathologists (www.rcpath.org).

Organisation of local training programme and method of rotation

The posts that comprise this training programme enable the trainee to gain wide experience and exposure to all aspects of clinical biochemistry specified in the Royal College of Pathologists Curriculum for Clinical Biochemistry. There is also the opportunity for wide exposure to clinical aspects of the discipline, both within

departments and in the context of the strong collaborative links that exist with other clinical specialties.

Trainees are attached to a base hospital throughout the period of training. They will be seconded to the other trust as required to gain clinical &/or laboratory experience, either as an attachment or for regular attendance at an outpatient clinic or ward round. Here is an overview of this, although this can be subject to change:

CHEM PATH ROTATIONS Y&H

BASE (no. of training posts)		ROTATE		ROTATE	
LEEDS (2)	3 years	YORK	1 year	HARROGATE	1 year
Obesity		Nutrition		Lab	
Paeds Lab		Renal Stones		Lipids	
Paeds IEM		Thyroid		DM	
Adult IEM/PKU (BTH)				MBD	
Lipids & HTN				Thyroid	
MBD					
DM					
Project					
				Clinical sessions will depend on individual needs of trainee	
HULL (1)	4 years	LEEDS	1 year		
Obesity		Paeds Lab			
Nutrition		Paeds IEM			
Lipids & HTN		Adult IEM/PKU (BTH)			
MBD					
DM					
Thyroid					
Renal Stones					
Project					
YORK (1)	3.5 years	LEEDS	1 year	HULL	6 months
Nutrition		Paeds Lab		Obesity	
Lipids		Paeds IEM		HTN	
MBD		Adult IEM/PKU (BTH)			
DM					
Renal Stones					
Thyroid					
Project					
SHEFFIELD (2)	4 years	HUDDERSFIELD	1 year		
Obesity		Lab			
Nutrition		Lipids			
Paeds Lab (SCH)		DM			
Paeds IEM (SCH)		Obesity			
Adult IEM/PKU		Thyroid			
Lipids & HTN					
MBD					

DM		
Renal Stones		
Thyroid		
Project		
	Clinical sessions will depend on individual needs of trainee	

Duration is based on time to CCT date (not programme end date).

JRCPTB has minimum number of clinics/patients expected for MM trainees. CP training should try and mirror MM training as much as possible, as appropriate.

Renal stones and thyroid are in the CP curriculum as competencies. They do not have a minimum number of clinics/patients.

BTH = Bradford Teaching Hospitals (St. Luke's)

SCH = Sheffield Children's Hospital

Composition of Specialty Training Committee

The Specialty Training Committee (STC) exists to oversee the training programme, to provide support to trainees and to provide input into the appointment and regular assessment of specialist registrars. The STC comprise:

- The Training Programme Director for Chemical Pathology
- The Head of the School of Pathology
- Educational supervisors in CP/MM across the region
- A representative of the Specialist Registrars in Chemical Pathology

Education and Training Programme

The training programme provides experience in all aspects of Chemical Pathology. In addition, trainees are encouraged to attend regional and national training programmes and scientific meetings organised by the Association for Clinical Biochemistry and the Royal College of Pathologists.

Educational Supervisors

You will be allocated an educational supervisor in your trust from day 1.

Induction

Trainees will receive an induction course at each new training post, the content of which will be tailored to the trainee's needs and in accordance with trust protocol.

Appraisal

Regular appraisals will be held with the educational supervisor in protected time. The outcome of appraisal is confidential to trainer and supervisor although it will inform the educational supervisor's structured report for ARCP purposes.

Personal Development Plan

An annual personal development plan will be drawn up by the trainee and the supervisor. This will be used to inform the appraisal process.

Assessments

Assessment of progress and ultimate satisfactory completion of training is performed through the Annual Review of Competence Progression (ARCP) process and by the FRCPath examination.

Annual Review of Competence Progression (ARCP)

Further information regarding the detail of the ARCP process may be obtained from the Training Programme Director or through the Y&H HEE website and general information is also available on the College website (www.rcpath.org).

Workplace Based Assessments

Trainees must demonstrate satisfactory progression through completion of the Workplace Based Assessments stipulated in the Curriculum.

FRCPath examination

Trainees will be required to undertake an assessment at the end of their first year of training (although this is currently being phased out). Subsequent FRCPath examinations are taken at appropriate times in their training as advised by their educational supervisors. They will be given all reasonable support with a view to achieving this goal. Information regarding College guidelines and regulations for the FRCPath examination is available on the College website (www.rcpath.org).

Specialty Training Programme

The Curriculum for Specialty Training in Chemical Pathology may be downloaded from the College website (www.rcpath.org).

Learning Environment for Pathology Trainees (LEPT)

Information regarding workplace based assessments, and the educational supervisor's structured work report must be recorded in the electronic portfolio provided by the Royal College of Pathologists

Portfolio

The trainee is expected to maintain a training portfolio. This should include evidence of participation in educational activities, training plans and assessment outcomes. It may also be used to record educational achievements.

Training programme

Trainees are encouraged to attend training courses as appropriate to their educational needs.

R&D skills

The trainee will be involved, as appropriate, in departmental research projects. Input from other appropriate members of staff will be used to ensure that this activity is of educational value. Trainees are encouraged to publish research findings and case reports, and are expected to attend scientific meetings. In the second half of the training programme, trainees will be given time and support to complete a substantial research project which will normally lead to the writing of the dissertation required as a component of Part 2 of the FRCPath examination. Trainees are expected to play an active part in departmental and hospital research and journal club meetings.

Data management skills

Each trust organises or supports IT courses. The trainee will be expected to become familiar with the use of spreadsheets, databases and statistical packages. Documentary evidence of use of these skills in clinical audit and R&D should be collected in the training portfolio.

Health and safety

Health and safety issues are included in the induction process, which is mandatory for all trainees. Further training will be provided by senior staff as required.

Management training

Management experience will be available throughout the training programme as deemed appropriate at appraisal. This will include supervised experience in planning departmental policies and developing the leadership qualities to implement them. Trainees will attend appropriate management meetings and management training courses.

Clinical Audit

Each department has a clinical audit programme. Trainees are expected to participate actively in these programmes and will normally present at least one audit topic each year. Attendance at courses on clinical audit is encouraged.

Study leave entitlement

Study leave is taken in accordance with the study leave policy of the host trust and deanery.

Accommodation and equipment

The trainee will have a working area within an office comprising at minimum a desk or hot desk and secure filing cabinet or drawers. Each department will provide access to a PC. Subject to agreement of individual trust terms and conditions for the use of IT equipment, trainees will be given access to email and the internet.

Teaching skills

Trainees are expected to teach more junior trainees, other junior medical staff, medical students and other grades of hospital staff as deemed appropriate by their educational supervisor. Training, support and feedback will be provided.

Key Personnel

Training Programme Director:

- Dr Hannah Delaney, Sheffield Teaching Hospital NHS Foundation Trust

Educational Supervisors:

- Hull; Dr Deepa Narayanan
- York; Dr Deepak Chandrajay
- Leeds; Dr Kevin Stuart
- Sheffield; Dr Paul Masters
- Huddersfield; Dr Karen Mitchell

Trainee representative:

- Dr Adam Lomas, Sheffield Teaching Hospital NHS Foundation Trust

