**East Anglia Foundation School**

**Individual Placement Description**

**Cambridge University Hospitals NHS Foundation Trust**

All information to be completed by the Foundation School.

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| **Placement** | FY2 placement |
| **The department** | The HPA Public Health Laboratory Cambridge (CMPHL) plays a dual role as both the Clinical Microbiology/virology Laboratory and HPA Regional Laboratory and is located in the John Bonnett Clinical Pathology Laboratories block, located within Addenbrooke's Hospital. The CMPHL provides microbiology laboratory services for hospitals in the Cambridge Health District and for general practitioners in local PCTs and also supplies microbiological services for environmental health investigations and fulfils other HPA functions. Amongst the specialist services provided by CMPHL are the liver, lung and heart transplant programmes administered by Addenbrooke's and Papworth Trusts. Regional specialties in Cambridge (including Neurosurgery and Neurology, Oncology, Haematological Medicine and Renal Transplantation and Dialysis) also make substantial use of the Department. Extensive clinical liaison to provide advice on the diagnosis and chemotherapy of microbial disease, and on control of infection is undertaken with regional and other clinical services. |
| **The type of work to expect and learning opportunities** | This attachment is designed to give the F2 trainee grounding in the principles of diagnosis and management of infection in a variety of common clinical scenarios and the contribution that the microbiology and/or the Virology laboratory can make to the effective management, control and prevention of infection in hospital patients and in the community. Objectives of the post include* understand the role and importance of laboratory medicine in clinical decision-making
* understand the range of laboratory services available
* understand and the optimum use of diagnostic tests for common clinical conditions
* appreciate the limitations of laboratory investigations in patient management make use of laboratory services efficiently, effectively and economically
* understand the contribution made by the laboratory to clinical audit, teaching, research and service development
* appreciate the way that clinical microbiology and virology contribute to individual patient management in a range of settings and for different patient groups, including prevention, diagnosis, treatment and follow-up, and contributes to health protection;
* appreciate the importance of infection control in the maintenance of a safe environment;
* appreciate the general principles underlying antibiotic use and choice;
* appreciate the scope of medical microbiology and virology, e.g.

Hospital and community-based microbiologyInfection control in the hospital and communitySpecialist and reference centre microbiologyHealth protection, including Consultant in Communicable Disease ControlUnderstand the contribution the laboratory can make to the health protection functions of surveillance and outbreak investigation.Service developmentAcademic microbiology (research and teaching)* Understand the role of the consultant microbiologist or virologist
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| **Where the placement is based** | CMPHL, Addenbrookes Hospital, Cambridge |
| **Clinical Supervisor(s) for the placement** | Dr Jumoke Sule |
| **Main duties of the placement** | Following a satisfactory laboratory safety induction and bench training attachment, the FY2 doctor will be introduced to duties in the reporting room. These include preparation of results printout and attendance of ward rounds (ICU, NCCU, PICU, ID, Adult Haematology, Friday Hospital Round), participation in the daily bench round and review of positive blood culture Gram stains as required, phoning out of some of the positive blood culture Gram stain and culture results under close supervision of SpRs/ Duty Consultant at all times and observation of validation of microbiology results and performing validation when confident and deemed competent. An infection Control attachment is to be arranged with the senior infection control nurse and doctor. Attendance at the following meetings is encouraged: Tuesday clinical meeting, Thursday lunchtime scientific meetings, Grand Rounds, Trainee meetings, Audit meetings, Infection Control meetings, tutorials The trainee is encouraged to arrange a meeting with each consultant to discuss their role in the laboratory and views on a career in microbiology. It is expected that the trainee will perform a clinical audit during the placement.There will be protected time for CPD activities, reflection, and reading once a week from 9 am-1pm (flexible). Learning resources - the laboratory has a well stocked collection of textbooks and journals, a computer terminal with internet access is available for use (shared). |
| **Typical working pattern in this placement** | Typical working pattern in this post e.g. ward rounds, clinics, theatre sessionsDaily/weekly/monthly (if applicable) Daily1100 hrs Bench round1500 hrs ICU ward roundLab based clinical liaison including communication of important results, and results validationVisits to ward patients as required under consultant supervisionMon: 1300 ID teachingTues: 1300 medical trainees tutorial 1500 NCCU Ward Round Wed:1000 Infectious Diseases MDT 1300 Grand Round Thurs:1400 Haematology Ward RoundFri:1100 Transplant, Paediatric Haematology, PICU Ward Round *On call requirements:* no requirements |
| **Employer information** | Cambridge University Hospitals NHS Foundation Trust (“The Trust”) incorporates Addenbrooke’s Hospital, the Rosie Maternity Hospital and Fulbourn Hospital. Addenbrooke's Hospital (1100 beds) lies on the southern boundary of Cambridge City, occupying a site which is shared by the University of Cambridge School of Clinical Medicine, the Medical Research Council, the Regional Blood Transfusion Centre and the GSK Research Institute. Close links with the University have given the hospital an international reputation for converting research and development into practical health care.  |

It is important to note that this description is a typical example of your placement and may be subject to change.

**Appendix F – Individual placement description (Example)**

**South Standard Foundation School**

**Individual Placement Description**

All information to be completed by the Foundation School.

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| **Placement** | F2 Acute paediatrics and neonates. |
| **The department** | The Dept of Paediatrics comprises 5 Consultant paediatricians of whom 4 do acute General paediatric and neonatal on-call. There are interests in Epilepsy. Allergy, Asthma, Diabetes. All pediatric and neonatal pathology is represented The department serves South Exampleshire with a catchment population of 150,000.The department is closely linked with tertiary services in Canchester and Smitherton. |
| **The type of work to expect and learning opportunities** | All F1 Doctors in hospital posts will generally be ward based during the ‘normal’ working day and expected to deliver the daily medical care of all the patients on their ward irrespective of specialty. Whilst in the EAU attachment the F1 will be involved with the generic clerking of patients being admitted and the ongoing care of the patients in the unit.The overall educational objectives of the F1 year are to provide the trainee with the knowledge, skills and attitudes to be able to * Take a history and examine a patient
* Identify and synthesise problems
* Prescribe safely
* Keep an accurate and relevant medical record
* Manage time and clinical priorities effectively
* Communicate effectively with patients, relatives and colleagues
* Use evidence, guidelines and audit to benefit patient care
* Act in a professional manner at all times
* Cope with ethical and legal issues which occur during the management of patients with general medical problems
* Educate patients effectively
* Become life-long learners and teachers.
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| **Where the placement is based** | Anytown District General Hospital; Wards P1 & P2. |
| **Clinical Supervisor(s) for the placement** | Dr Deirdre Jones & Dr Mark Andrew |
| **Main duties of the placement** | The F2 doctor is responsible with other staff for the ward care of patients and the maintenance of the patient’s medical record. They will have opportunity to work with the consultants in outpatients clinics for at least one day each week, and also take responsibility for problems arising in General Paediatrics or neonatal patients on the ward. They are expected to attend the structured teaching programmes provided by the department. The doctor will be responsible for such other specific clinical duties as allocated by consultants including performing other duties in occasional emergencies and unforeseen circumstances. |
| **Typical working pattern in this placement** | *Daily:* 0900 Ward round 1200/1700/2100 HandoverMon: 1100 – 1700 Assessment unit.Tues: 1400 Out patients clinicWed: 1300 Grand round (1400 formal teaching programme)Thurs: 1100 departmental teaching programFri: Ward cover Sat: 0900 – 2100 1 in 5/6Sun: 0900 – 2100 1 in 5/6*On call requirements:*1 in 5 with flexible twilight shifts. |
| **Employer information** | The employer for this post is Smitherton NHS Foundation Trust. The post will be based in Anytown District General Hospital Smitherton, which is a medium sized acute NHS Foundation Trust and provides an extensive range of secondary services for the growing local community of approximately 280,000. About 25% of the population is over 65. In the summer months the population increases by up to 100,000 visitors. |

It is important to note that this description is a typical example of your placement and may be subject to change.