

**Clinical Placement Area:**

**Cardiology / Acute Med 1**

**Clinical Placement Supervisor:**

**Dr Waqas Khan**



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## MEET THE TEAM

- Dr Waqas Khan – Clinical Placement Supervisor

Consultant Cardiologist

Email: [Waqas.Khan@lthtr.nhs.uk](mailto:Waqas.Khan@lthtr.nhs.uk)

Ext: 2670

- Dr ?? – Clinical Tutor

Consultant Cardiologist

Office bleep:

[@lthtr.nhs.uk](mailto:??@lthtr.nhs.uk)

- Dr Ian Schofield – Consultant Physician – Cardiology CDH/RPH

Consultant cardiologist

Schofield office: 5060

[ian.schofield@lthtr.nhs.uk](mailto:ian.schofield@lthtr.nhs.uk)

- Dr Sarfraz Khan – Consultant Physician – Cardiology RPH

Consultant cardiologist

[sarfraz.khan@lthtr.nhs.uk](mailto:sarfraz.khan@lthtr.nhs.uk)

- Anna Adams – Heart Failure Specialist Nurse

Cardiology specialist nurse

Bleep: 7588

- Alison Matthew – Dr Ahmed's Secretary

Email [Alison.matthew@lthtr.nhs.uk](mailto:Alison.matthew@lthtr.nhs.uk)

Ext 3441

To use the bleep system: dial 66 followed by the bleep number you want, followed by the number you are dialling from.

## COVID 19

All staff must adhere to Infection Control measures at all times, starting with basic handwashing to the correct use of PPE, and enhanced PPE where applicable.

Arrive and leave the hospital **in your own clothes** in accordance with Trust policy and change on site in your designated area for your ward or use the Centralised Locker rooms

Handwashing should be undertaken at regular intervals and before and after each patient contact.

Whilst out on the wards, you will hear the patients' status referred to as Red, Amber or Green (RAG). This traffic light system refers to their Covid- 19 status.

**Red** patient is Covid positive.

**Amber** patient is suspected Covid and is awaiting their results.

**Green** Patient is Covid negative.

**Blue** patient is one who has been in the same bay as a patient who is identified as Red or Amber.

If you develop any signs and symptoms of Covid-19 you **MUST** self-isolate immediately!  
**You MUST inform your Placement Supervisor, the Learner Support Team and your university as soon as possible on the FIRST DAY of your absence.**

The Trust will then arrange for you to be tested, to ensure Safety through track and tracing measures

You **MUST** ensure that you are up to date with current government guidance and ensure that you check the CEO update DAILY.

**Learner Support contact email: [Learner.Support@lthtr.nhs.uk](mailto:Learner.Support@lthtr.nhs.uk)**

## **PLACEMENT SPECIFIC INFORMATION**

### **Year 3 Induction Information and How to Succeed in Placement document**

The above document is to be read in conjunction with this document.

### **Induction Information**

The group induction will be held on Ward 18 where you will have an introduction to medicine, be given information regarding expectations of the placement and an orientation of the clinical areas.

Expectations:

To establish and develop history taking and examination skills

To see the common presentation seen on acute medical take and understanding of the investigation and management of common presentation seen on acute medical take

### **Common Clinical Conditions related to General Medicine/Placement area.**

During this placement you are likely to see the following conditions:

#### **Cardiovascular**

- Acute coronary syndrome
- Chest pain
- Angina Pectoris
- Heart failure
- Atrial Fibrillation
- Valve disease
- Hypertension (as part of other disease)

#### **Respiratory**

- Pulmonary Embolism
- Pleural Effusion
- Bronchiectasis
- Lung Malignancy
- Pneumonia
- Community & Hospital acquired
- Exacerbation of Asthma
- Exacerbation of COPD

### **Common Presenting Symptoms:**

- Chest pain
- Abdominal pain
- Acute back pain
- Blackout / collapse
- Breathlessness
- Confusion: Acute/delirium
- Cough
- Diarrhoea
- Falls
- Fever
- Fits/seizures

- Hematemesis / melena
- Headache
- Jaundice

- Limb swelling and pain
- Palpitation
- Poisoning
- Rash
- Vomiting and nausea
- Weakness and paralysis

A Range of Opportunities Include:

- History taking
- Clinical examination
- Communication skills
- Breaking bad news
- Explanation of investigation and management plans
- Verbal and written communication with colleagues
- Management of complaints and conflict
- Data interpretation
- Interpretation of common blood tests FBC and U/Es
- Interpretation of urine dipstick test
- Venepuncture
- IV cannulation
- Measurement of blood glucose levels
- Insertion of Urinary Catheters
- Arterial Blood Gas(ABG) Sampling
- Team working
- Time management & Prioritisation of tasks
- Appreciation of the contribution of the MDT

## PLACEMENT LEARNING OPPORTUNITIES

### CLINICAL SKILLS

- History taking
- Clinical examination
- Communication skills

|   |  |
|---|--|
|   | <ul style="list-style-type: none"> <li>• Breaking bad news</li> <li>• Explanation of investigation and management plans</li> <li>• Verbal and written communication with colleagues</li> <li>• Management of complaints and conflict</li> <li>• Data interpretation</li> <li>• Interpretation of common blood tests FBC and U/Es</li> <li>• Interpretation of urine dipstick test</li> <li>• Interpretation of arterial blood gas result</li> <li>• ECG interpretation</li> <li>• Interpretation of chest X-ray</li> <li>• Observe triage of patients</li> </ul> |
| <p><b>PROCEDURES</b><br/>(observation and practice under close supervision)</p> | <ul style="list-style-type: none"> <li>• Venepuncture</li> <li>• ANTT Procedure</li> <li>• IV cannulation</li> <li>• Recording vital signs using NEWS scores</li> <li>• Wound care and dressing</li> <li>• Administration of intravenous drugs</li> <li>• Measurement of blood glucose levels</li> <li>• Administration of blood and blood products</li> <li>• Insertion of Urinary Catheters</li> <li>• Arterial Blood Gas(ABG) Sampling</li> </ul>   |
| <p><b>ATTITUDES</b></p>   | <ul style="list-style-type: none"> <li>• Team working</li> <li>• Time management &amp; Prioritisation of tasks</li> <li>• Appreciation of the contribution of the MDT.</li> </ul>  |

**Cardiology Topics**

- Management of critically ill patient / Cardiac arrest
- Management of tachy-arrhythmia
- Management of brady-arrhythmia
- Management of Atrial Fibrillation
- Hypotension
- Management of acute chest pain
- Management of acute breathlessness
- Interpretation of blood gases

- Management of transient loss of consciousness
- Management of acute coronary syndrome
- Management of cardiogenic shock
- Management of acute pulmonary oedema
- Acute Pericarditis
- Severe Hypertension
- Infective endocarditis
- Valvular Heart disease

### **Ward Rounds**

Aims:

To familiarise with common Cardiology presentations / Acute medicine and acute management

Objectives:

To have a clear understanding of common Cardiology / Acute medicine presentations and the principles of their management

### **Clinics**

Aims:

To understand long term and ongoing management of common and uncommon Cardiology / Acute Medicine presentations

Objectives

To learn the objectives and aims of managements of chronic Cardiology / Acute Medical conditions

### **Other relevant information:**

To learn the art of communication of complex medical information in a simple day to day language, also to be able to communicate clinical information with appropriate emphasis on future preventative aspects of management

### **Useful resources for reference:**

Oxford Handbook of Medical Emergencies

Clinical Placement Area is based in both RPH and CDH.

### **Wards include:**

- RPH
  - Medical Assessment Unit / Ward 18 / Ambulatory Unit (AAC) / Coronary Care Unit (CCU) Cardiac Catheter Lab
- CDH
  - Haemodialysis Unit
- Other clinical Areas:
  - Renal dialysis

## **CLINICAL STANDARDS**

| Skill  | Number per week | Number per block | Total (115) | Validated by                                   |
|--|-----------------|------------------|-------------|--|
| Patient Assessment                                 | 3               | -                | 72          | Self-validated                                 |
| Physical Examination                               | 1               | -                | 24          | FY1 or above<br>Specialist nurse, skills tutor |
| Presentation of Patient Assessment - standard      | 1               | -                | 24          | FY1 or above<br>Specialist nurse               |
| Presentation of Patient Assessment - enhanced      | -               | 1                | 6           | ST1 or above                                   |
| Clinical Experiences (ward round, clinic, theatre) | 2               | -                | 48          | Any medic or nurse                             |
| Clinical Experiences (On call)                     | -               | 1                | 6           | FY1 and above                                  |
| UPSAs  | -               | At least 1       | 8           | By competence                                  |
| Prescribing tasks                                  | -               | At least 1       | 5           | FY2 and above; pharmacist,<br>Nurse Prescriber |

At the end of your placement you will have a sign off interview, this MAY be timetabled, however, your Supervisor may ask you to book an appointment. This meeting is usually around 20-30 minutes duration. You MUST take your log book with you to demonstrate achievement of your objectives. Once sign off has been completed you must submit your E-Form by the deadline which is: **1700 hrs, on the LAST FRIDAY OF PLACEMENT. Failure to do this may result in you failing the placement**