

East Surrey Hospital - Emergency Department **Induction guide for Imperial Medical Students**

Welcome to the Emergency Medicine department in East Surrey Hospital, Redhill. I have included all information needed to help final year students during their placement in Emergency medicine and complete essential competencies required before the final sign off by your mentor.

Please read the information provided with regards to your placement, key contacts and educational opportunities within SASH ED. You will be based in the East Surrey Hospital which offers acute management for around 125,000 patients per year with an average of 375 new patients per day. The designated areas to observe include :-

- **Rapid assessment area** run by ED Registrar, senior nurse with an HCA, who are the first contacts to all patient arriving in the ED by ambulance.
- **Resuscitation room** treating trauma, burns, medical, surgical, orthopaedic, O&G & Paediatric emergencies.
- **Majors area** with 23 cubicles including 5 HDU cubicle A to D.
- **Paediatric ED** with two resuscitation room, two HDU cubicle and seven treatment bays.
- **Minor injury area** managed by practitioners who can supervise your practical skills.

INDUCTION MEETING

Please meet **Claire Parsonage** on Extn 1594, in the Education centre for generic induction, access to library, ID badge, which must be worn in all clinical areas. Please meet Dr. Kamal Veeramuthu, your mentor who will give a detailed induction. You should email claireparsonage@nhs.net and k.veeramuthu@nhs.net if you are unable to attend ED and if this is not done, then your absence will be notified to medical school.

YOUR ROLE

You should observe and learn management of acute emergencies, by working in various areas in ED under supervision. You are expected to take history, examine and present patients to senior doctors, who will provide constructive feedback to refine your presentational skills. Please be enthusiastic to improve your clinical and practical skills relevant to your curriculum. You are responsible to address your learning needs supported by Educational fellows and ED mentor before the final sign off.

DRESS CODE

Please follow infection control policy available in trust PC's and follow strict hand hygiene in clinical areas. You can use your own scrubs or wear clothes which look professional in all clinical areas. Please wear shoes made of wipeable material and not open toe shoes or sandals to avoid injuries. Please keep your hair clean, tidy with long hair tied back when you are in ED. With regards to jewellery, you can wear stud earrings, plain wedding ring and no visible body piercings or tongue studs.

KEY CONTACTS

Dr. Kamal Veeramuthu	Mentor for Imperial & Brighton Medical students
Dr. Csaba Diozeghy	Clinical lead
Dr. Csaba Szekeres	Deputy Clinical Lead
Dr. Brian Dalley	ED College Tutor
Dr. Babak Daneshmand	Lead for Trauma & Clinical Audit
Dr. David Sercl	Lead for eSASH
Dr. Dezso Marton	Lead for ACP & PA students
Dr. Gergely Kondas	Lead for Complaints
Dr. Yasir Shaukhat	Lead for Ultrasound in ED
Dr Kate Holzman	Consultant in Adult ED
Dr Iuliana Clarke	Consultant in Paediatric ED
Dr. Inigo Pinedo	Lead for Paediatric ED
Dr Gareth Ennew	Consultant in ITU + EM
Dr. Sarah Rafferty	Director of Medical Education
Heather Heynes	Medical Education Manager
Claire Parsonage	UG Medical Education Officer claireparsonage@nhs.net
Linda Smith & Sarah Leftley	ED Secretaries 01737768511 Extn 1558/6075
Rachel Cooke	Head of Library Services
<u>UG Education Fellows</u>	
Dr. Elizabeth Lunn	elizabeth.lunn2@nhs.net
Dr. Siona Sabu	siona.sabu@nhs.net
Dr. Eleanor Hennebry	eleanor.hennebry@nhs.net

TIMETABLE

The shift patterns will enable students to observe various pathological conditions presenting in ED.

You should attend night shift on Saturday & Sunday followed by a day off on Monday.

<u>Week 1</u>	08:00 - 17:00	ED CDU then attend ED Majors zone
<u>Week 2</u>	10:00 - 18:00	Adult & Paediatric Resuscitation + RATS zone
<u>Week 3</u>	15:00 to 22:00	Minors & Paediatric ED

Week 1 - ED Clinical Decision + Majors (08:00 - 17:00)

CDU ward offers an opportunity to learn social aspects of care to understand impact of drug, alcohol abuse, domestic violence, homelessness, self-harm, mental health issues and MDT input to safely discharge elderly patients. In Majors zone you will have opportunities to clerk, complete practical skills under supervision and present to senior doctors in ED to improve your case presentation skills.

08:00- 08:20	ED handover in MDT room
08:20 - 09:00	Shadow CDU FY2 doctor (bleep 343)
09:00 - 09:15	CDU handover in ED staff room attended by CDU Consultant, FY2, Physiotherapist & Mental health nurse
09:15 - 10:30	Join ED CDU Consultant on their ward rounds.
10:30 - 17.00	Examine patients in majors bay and present to senior doctors in ED

Week 2 – Resuscitation & Rapid assessment zone (10:00 - 18:00)

Attend all emergency calls (chest pain, cardiac arrest, trauma, major haemorrhage, stroke calls) in HDU & Resuscitation rooms in both Adult & Paediatric ED. You can follow patients to cardiac cath lab, CT room for trauma CT or follow an intubated patient to ITU to learn management of unwell patients.

Please stay in RATS zone to perform cannulation, venepuncture, ABG, ECG, urinary catheterisation etc. You will be allocated stable patients to clerk, examine and then present to senior doctors, who will give you feedback on your case presentational skills.

Week 3 - Paediatric ED & Minors (15:00 - 22:00)

Observe and learn management of all conditions presenting to the minor injury unit located within the ED. Attend Paediatric ED to observe and examine children with various conditions by shadowing a dedicated senior doctor.

AIMS OF ED MODULE

Emergency department offer comprehensive exposure to all speciality emergencies with access to all practical skills taught under supervision. You should focus on :-

- Implementing knowledge gained until now when you clerk patients
- develop skills learnt from speciality clinical placements
- how to manage a unwell patients using ABCDE approach
- managing specific chronic medical conditions
- Take focused history, examination and referral process using SBAR.
- Perform practical skills in ED like suturing, plastering, urinary catheter ABG etc.
- Role of the MDT team in managing acutely unwell patients.
- To understand how errors in acute care be avoided in ED
- To practice supervised prescription writing in acute setting
- Acquire professional skills as a foundation doctor

Knowledge Outcomes

It is expected that by the end of the module the students will be able to:

- Define and describe the management of an acutely undifferentiated sick patient
- Define and describe the management of emergencies in all specialities
- Define and describe the management chronic medical conditions.

Professional Attitudes

Aim to demonstrate professional attributes required when dealing with patients in the ED.

- Commitment to professionalism & organisational skills
- Problem solving and decision making
- Limitations (know when to call for help)
- Working effectively with all team members.
- Effective communication with patients and between professionals

Skills Outcome

- Initial management of Cardiac arrest & Major Trauma patients
- Anaphylaxis, Shock & Sepsis patients
- Collapsed / Unconscious patient
 - Overdose (medical and psychological impact)
 - Pre-surgical management of the acute abdomen and fractures
 - Musculoskeletal injuries
 - Head, face & spinal injuries
 - ENT & maxillofacial emergencies
 - Wound & Burn management
 - Needle stick injuries

Procedural skills under supervision

- Wound assessment including suturing.
- Applying slings and back slabs
- Urine dip and pregnancy test
- Perform ECG, ABG, BM stix test & urinary catheterisation
- Cannulate, take bloods and set up IV drip
- Delivering Oxygen & Nebulisers

RESOURCES

- <https://sites.google.com/view/emth/induction>
- <https://sashnet.sash.nhs.uk/workspaces/emergency-department>
- <http://www.rcemlearning.co.uk>
- <https://www.spottingthesickchild.com>
- [Don't Forget the Bubbles \(dontforgetthebubbles.com\)](http://dontforgetthebubbles.com)

TEACHING SESSIONS

Please attend these scheduled teaching sessions highlighted below.

1. **ED FY2 virtual teaching** - Wednesday 09:30 - 10:00 on MS Teams
2. **Medical student teaching** - Timetable from Educational fellows
3. **Monthly ED teaching session** for all ED staff with SIM training
4. **Hospital grand rounds** - every Thursday 13:00 - 14:00 hours

FEEDBACK

Please complete feedback forms at the end of your placement to help us continuously improve learning opportunities to your peers in future. Please discuss any issues with the duty ED Consultant if urgent and also email k.veeramuthu@nhs.net.

I hope you will all have a good experience in East Surrey Hospital Emergency department, observing, learning and developing skills in ED and be enthused to choose a career in EM in future.

Thank you,

Dr. **Kamalakaran** VEERAMUTHU. FRCEM.
Mentor for medical students in ED
Consultant in Emergency medicine
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