

# ICU TRAINING

## WHO'S WHO

Intensive Care Unit Training Director:	Sophie Skellet
North Thames Paediatric Intensive Care Subspecialty Lead:	Christine Pierce
RCPCH Deputy College Tutor:	Cho Ng (CICU)
RCPCH College Tutor:	Allison Jones (Immunology)
School of Paediatrics Training Programme Director:	Quen Mok
Royal College of Anaesthetics Tutor:	Glyn Williams
Royal College of Surgeons Tutor:	Joe Curry
Co-medical Director responsible for training	Barbara Buckley

## EDUCATIONAL SUPERVISION AND APPRAISAL

Each SpR has an educational supervisor and senior nurse mentor, appointed prior to your ITU start date. All trainees should have a series of appraisals throughout their time with GOSH regardless of whether they are in a Deanery training post or a Trust post. **Appraisal** is concerned with setting personal goals. It reviews personal, educational and job related achievements, is confidential, pastoral and designed to assist an individual to progress. It should be perceived as non-threatening and be conducted in the context of the job. It is your responsibility to contact your educational supervisor and make an appointment for the initial appraisal meeting and to jointly set dates for subsequent meetings.

You should meet your educational supervisor in the first 1-2 weeks of your job to identify appropriate educational goals and plan. You should then meet at 3 months or midpoint for appraisal of objectives, and then at 6 months or in the last month of your post to complete the appraisal process and review training. Please inform Carol Parkes (x7950) and PGME of the name of your educational supervisor, planned meeting dates and confirmation that the meetings have taken place. This can be done via email or by using the forms provided in the appraisal documents. You may record your appraisal meetings in any form you find suitable but PGME forms are available on the intranet (<http://gosweb/pgme/appraisal.html>).

## MODULAR TRAINING

There is a well developed ICU modular training programme which can be accessed on the O Drive and via the PICU webpage (<http://www.ich.ucl.ac.uk/gosh/clinicalservices/PICU/Homepage>). The programme is based on the ICTPICM (Intercollegiate Committee for Training in Paediatric Intensive Care Medicine) syllabus which is entirely comparable with the Australian and North American syllabi making it useful for overseas trainees also.

The modular training programme is self directed. All the modules are available on the O drive. They are peer reviewed and are updated regularly. If you would like to participate in updating a module please discuss this with your educational supervisor.

The modules are discussed in rotation each week at 15.00 on a Wednesday afternoon in a session that is facilitated by the support consultant. There is compulsory attendance by all trainees on study leave at these sessions. Carol Parkes will email the module to be discussed by the end of the previous week. We ask that you have read the module, thought about points for discussion and generated an MCQ which will be collected and added to the bank of questions in the department.

## MONTHLY CORE TEACHING SESSIONS

On the last Wednesday of each month there is a 'Core Curriculum Teaching Day'. These are held jointly with other North Thames intensive care units, St Mary's Hospital (SMH), Royal Brompton Hospital (RBH) and the Children's Acute Transport Service (CATS). These are 1 day programmes which comprise a series of lectures on a chosen topic and are held at one of the four sites. The dates, topics and venue for 2010 are:

DATE	TOPIC	SITE
27th Jan 2010	Neonates	GOSH
24th Feb	Cardiac	CCC
31st March	Renal	GOSH
28th April	Emergencies/Trauma/Transport/ Communication	CATS
26th May	Metabolic/endocrine/liver	GOSH
30th June	Cardiac	CCC
28th July	Neurology/neurosurgery	GOSH
25th Aug	EBM/research pcpl/ethics/legal/PICU org	SMH
29th Sept	Cardiac	CCC
27th Oct	Sepsis	SMH
24th Nov	Resp/Anaesthetics	RBH
15th Dec	Governance/Stress on ITU/Quiz	GOSH

For each chosen topic, the organised lectures will aim to cover subjects listed in the ICTPICM syllabus in a programme of structured teaching. Attendance at these teaching days is mandatory and is monitored. It is recognised that attendance is not always possible especially at another site to your base hospital. We are currently in the process of recording these presentations in real time on the WEBEX system. These can then be watched at any time by following the instructions which are listed on the O Drive in the 'WEBEX' folder.

## **STUDY LEAVE**

Study days are not optional - you must be in the hospital unless you are on a pre-approved study leave course (forms as mentioned above signed by a consultant and copies with Rebecca Hutchinson and Carol Parkes and e-mail notification to Sophie Skellet and or Paula Lister). In the event of an emergency you may be expected to do a shift instead of study day, this should be a rare occurrence - we will monitor this. Because of this can you check your e-mails and mobiles to ensure you have no messages from the rota co-ordinator and reply even if the answer is negative as promptly as possible. All swaps will need to be approved by Sophie Skellet or Paula Lister and e-mailed to the rota co-ordinator copied in to Carol Parkes, Sophie Skellet, Paula Lister and your educational supervisor - no rota changes will be made without this. This is not to penalise but to check skill mix. Reasonable swaps will be approved. Any swaps without approval are not acceptable from now on.

## **REGULAR CLINICAL MEETINGS**

There are weekly clinical meetings with other medical teams about current ITU patients and take place on the ICU. It is the duty of the day staff to attend, present relevant patient information and to document any discussion outcomes in the notes. These are valuable learning opportunities.

<b>DATES</b>		<b>MEETING</b>
Monday afternoon	Weekly	Informal microbiology drop-in
Monday 14:00	Weekly	Joint Neurology, Neuroradiology, ethics and ITU in the PACS room
Tuesday 14:00	Weekly	Joint ID, Microbiology & ITU round
Wednesday 11:00	Weekly	Radiology Review in PACS room
Thursday 08:15	Weekly	Surgical - NICU Grand Round
Thursday 12.30	Weekly	Reflective practice (for SpR on service)
Thursday 14.00	Weekly	Nutrition round
Thursday 14:30	Weekly	Joint ID, Microbiology & ITU round
Friday 14:00	Weekly	Radiology Review in PACS room
Friday afternoon	Weekly	Informal microbiology drop-in

## **JOINT SUBSPECIALTY MEETINGS**

We have joint meetings with other medical teams at varying intervals which usually take the form of interesting M&M discussions; you may be asked to present a recent patient. Some occur regularly and others on an ad hoc basis. They are great learning opportunities so please make every effort to attend.

The dates for these meetings are flexible as we are dependant on the availability of other specialities. However, an up to date meeting timetable is kept on the K Drive: PICU NICU Handover folder, so please check it regularly. Our secretary emails this out at the beginning of each month.

<b>DATES</b>		<b>MEETING</b>
Monday 16:30	Bi-monthly	Joint neuromuscular, respiratory and ITU meeting. PICU seminar room.
Tuesday 8:00	Once a quarter	Joint Anaesthetic ITU meeting
Tuesday 8:00	Once a quarter	Joint Neurosurgical meeting
Tuesday 13.30	Bi-monthly	Joint ITU/CATS/ECMO M&M
Wednesday 14:00	Once a quarter	Joint Neurology & PICU/NICU meeting Radiology seminar room
Thursday 8:30	Bi-monthly	Joint general surgical - NICU meeting Seminar room
Tuesday 08:30	Once a quarter	Joint Metabolic - PICU/NICU meeting
Tuesday 18:00	Once a quarter	PICU & NICU Ethics meeting Chair Dr Vic Larcher

## **UNIT TEACHING PROGRAMME**

Study leave has been built into the full shift rotas on ICU. The rotas have been devised so that the majority of study leave days fall on a Tuesday and Wednesday.

The ICU training programme runs across all units: P/NICU, CICU and CATS. It runs throughout the week with particular emphasis on Tuesday and Wednesday to coincide with the study leave days. Attendance at teaching sessions on these days is MANDATORY. A register will be taken and record of attendance sent to your educational supervisor.

The teaching schedule for the week is:

<b>DAY</b>	<b>TIME</b>	<b>MEETING</b>	<b>VENUE</b>
Monday	08.30 – 09.00	Cardiac journal club	CICU sister's office
Tuesday	08.30 – 09.00	Advanced ECHO teaching	Cardiac conference room
Tuesday	08.30 – 09.00	Case discussion	CICU sister's office
1 <sup>st</sup> Tuesday	12.30 – 13.30	R&D: Journal club	ICU seminar room
2 <sup>nd</sup> Tuesday	12.30 – 13.30	R&D: Cardiac	ICU seminar room
3 <sup>rd/4<sup>th</sup></sup> Tuesday	12.30 – 13.30	R&D: ICU	ICU seminar room
Last Tuesday	12.30 – 13.30	R&D: N/PICU M&M	ICU seminar room
Tuesday	14.30 – 16.00	Simulation sessions	Simulator lab
Wednesday	08.30 – 09.00	Literature review	CICU sister's office
Wednesday	10.00 – 11.00	ITU lecture series	ICU seminar room
Wednesday	11.00 – 13.00	Practical ICU teaching: ventilation, CVVH, scenarios and defibrillation, ECMO, Berlin heart, USCOM, US guided line placement	
Wednesday	13.00 – 14.00	Hospital lecture series	Western House lecture theatre
1 <sup>st</sup> Wednesday	14.00 – 15.00	Echocardiography theory teaching	ICU seminar room
2 <sup>nd/3<sup>rd/4<sup>th</sup></sup> Wednesday</sup>	14.00 – 15.00	Case based discussion	ICU seminar room
Last Wednesday	09.00 – 17.00	Core curriculum training day	GOSH/RBH/SMH/CATS
Thursday	07.30 – 08.30	Joint cardiac conference	Cardiac conference room
Thursday	14.00 – 15.00	Cardiac simulation sessions	Simulator lab
Friday	08.15 – 09.30	CICU M&M	Cardiac conference room

Carol Parkes will send out an email each week with the confirmed programme for the following week. Every attempt will be made to facilitate trainees on shift to unit teaching sessions. If you wish to attend an ICU teaching session when you are on shift, please ask the consultant on call to assist you with this.

These sessions only succeed with FULL trainee participation. You may be asked to present at one of the following:

- ICU Mortality and Morbidity Meetings (M&M). Paula Smith (ext 8213) will tell you the cases for the M&M meetings and get the notes for you.
- Journal Clubs. You can choose any paper to present at journal club.
- Joint ECMO M&M
- Case-Based Discussions where you present a case of your choice that we managed on ICU and discuss the evidence base for management. This is assessed according to the RCPCH proforma by 2 of the ICU consultants and a copy is kept in your file.
- R&D meetings on the 3<sup>rd</sup> (and sometimes 4<sup>th</sup>) Tuesdays of each month, presenting the research or audit projects that you have in progress.
- Joint ICU meetings

The allocated registrar for these teaching sessions will already be on study leave on the rota. The SpR representatives send out a timetable covering dates of meetings and the allocated registrars. If you cannot attend on the day you have been allocated, **it is your responsibility to swap** with someone else and email the SpR reps (Ruchi Sinha, SinhaR1@gosh.nhs.uk, and Nick Pratap, nick@pratap.co.uk) and Carol Parkes (ParkeC1@gosh.nhs.uk).

## **ANAESTHETICS TRAINING**

For those non-anaesthetists amongst us, although a period of dedicated anaesthetics training is the gold standard, it is difficult to achieve. We have close links with the anaesthetics department; some trainees will come from an anaesthetics background and some will be rotating through the year-long anaesthetics fellowship programme with a three month ICU attachment. Please make use of your colleagues as a valuable source for learning; we have a great wealth of backgrounds and it makes for diverse set of skills. More formal anaesthetic training is offered to those from a paediatric background in the form of a one week attachment to theatres where you have the opportunity to practice practical skills and learn about anaesthetic technique. Carol Parkes will automatically assign you a week. Please liaise with her regarding this.

You also have access to the Royal College of Anaesthetists web-based learning resource. This can be accessed at <http://e-lfh.org.uk/projects/ela/index.html>. You will need to register before being able to access the modular training programme.

## **GOLD E-LEARNING (GOSH Online Learning and Development)**

This online campus can be accessed at <http://gold.ivysoft.co.uk/>

You can the log in using your Novell Login and a password of your choosing. There are 4 mandatory courses which must be done within one month of your induction. These are:

- Safeguarding children
- Fire
- Major Incident Plan
- Caring For neonates

Another which is worth doing is:

- Good Research Practice

Most are quick and easy to do and so there is no excuse for not completing them. A record is kept of trainees who have completed these and this is reported to your educational supervisor.