

NW DEANERY ANAESTHETIC CENTRAL SCHOOL PRIMARY FRCA TUTORIAL PROGRAMME

September 2011 - February 2013

(Bury, Bolton, MRI, Hope, Wigan, Rochdale and NMGH Hospitals)

VENUE: NMGH Post Graduate Centre ~ 14:00 - 16:00 FRIDAY PM

Check school website regularly for updated programme

Remember to sign the register as it is inspected

UPDATED 17/11/11

Date	Topic	Tutor	
02-Sep-11	Physiology of circulation, and circulation through special regions	NMGH	Ajit Sukumaran
09-Sep-11	PRIMARY COURSE STUDY DAY - WYTHENSHAWE HOSPITAL		
16-Sep-11	The Upper Airway, problems, assessment and management, critical incidents of Hypoxia	NMGH	Harry Vallance
23-Sep-11	Physiology of nerve, muscle and neuromuscular junction	MRI	TBC
30-Sep-11	Physiology of the Heart	Wigan	Krishna
07-Oct-11	Respiratory Physiology 1 [West, chapters 1 - 5]	Rochdale Bury	Gupta-Nick Tierney
14-Oct-11	Respiratory Physiology 2 [West, chapters 6 - 10]	Rochdale	Mastan
21-Oct-11	Antibiotics pharmacology	Hope	Tommy O'Neill
28-Oct-11	Pharmacology 1 - Mechanisms of Drug Actions	Hope	Simon Tomlinson
04-Nov-11	Pharmacology 2 - Pharmacodynamics	Hope	Redmond Tully
11-Nov-11	Pharmacology 3 - Pharmacokinetics	Hope MRI	Helen Alexander
18-Nov-11	The Anaesthetic Machine, cylinders, breathing circuits, soda lime, safety and hazards etc <small>VENUE: NMGH ANAES DEPT</small>	NMGH	Vikas Kapoor
25-Nov-11	ECG interpretation, pacemakers and anaesthesia	MRI	Iain Gall
02-Dec-11	Cardiovascular drugs - inotropes, vasopressors, vasodilators relevant to anaesthesia and ICU	NMGH	Diarmid Cochran
09-Dec-11	Cardiac Anaesthesia for the SHO - an overview	MRI	Ijas Moideen
16-Dec-11	PRIMARY COURSE STUDY DAY - WYTHENSHAWE HOSPITAL		
23-Dec-11	Autonomic system physiology and pharmacology	MRI	Alice Arch
30-Dec-11	CHRISTMAS BREAK		
06-Jan-12	Pain - anatomy, physiology and pharmacology of pain, acute and chronic - part 1	Bolton	Ian Waite
13-Jan-12	Pain - anatomy, physiology and pharmacology of pain, acute and chronic - part 2	Bolton	Barry Miller
20-Jan-12	Principles of ventilators and ventilation including; hazards, anaesthesia and ICU	Hope	TBC
27-Jan-12	X Rays - interpretation and examples for the primary OSCE and Vivas	NMGH	Rosof-Williams
03-Feb-12	Physiology of nerve, muscle and neuromuscular junction	MRI	Steve Gold
10-Feb-12	Cardiovascular drugs - anti arrhythmics, antihypertensives and heart failure, IHD drugs and diuretics	NMGH	Diarmid Cochran
17-Feb-12	Renal physiology & body fluids, electrolytes, fluid and electrolyte balance and acid base control	Bury	Nick Tierney
24-Feb-12	Shock - causes and management. Sepsis syndrome and management inc. dialysis etc.	Bury	Sathya Narayanar
02-Mar-12	Physics, electricity, electrical safety, heat, temperature, humidity, measurement (sections B24 1.7 - 1.10)	Hope	Anna Perks
09-Mar-12	Central nervous system + spinal cord, anatomy, physiology and motor + sensory pathways	Wigan	Hoon Teo
16-Mar-12	Day Case Anaesthesia	NMGH	Simon Chadwick
23-Mar-12	Obstetrics 1 - physiology of pregnancy, and neonatal physiology + placental pharmacology (primary course day)	NMGH	Harry Vallance
30-Mar-12	Obstetrics 2- Anaesthesia and Emergencies	NMGH	Harry Vallance
06-Apr-12	Critical incidents 1 - hypotension, hypertension pneumothorax, hypoxia, regional anaesthesia critical incidents	NMGH	Simon Chadwick
13-Apr-12	BANK HOLIDAY - GOOD FRIDAY		
20-Apr-12	Critical Incidents 2 - anaphylaxis, hyperthermia, scoline apnoea, intra op embolism	NMGH	Elzy Kuruvilla
27-Apr-12	Hypothalamus and pituitary axis, temperature control, central and cellular endocrine control	Bolton	Nick Smith
04-May-12	Endocrine Disease and Anaesthesia including Pharmacology and Drugs	Bolton	Tony Putland
11-May-12	Anaesthetic gases and vapours, theory, pharmacology and pharmacokinetics	Wigan	Nick Flatt
18-May-12	Anaesthesia for the Eye	Bolton	J Ryan
25-May-12	Regional 1 - theory, safety, principles nerve stimulators. Local anaesthetic pharmacology.	Hope	Geoff Sloan
01-Jun-12	Regional 2 - upper and lower limb blocks + head and neck blocks	Hope	Pete Eadsforth
08-Jun-12	Regional 3 - spinal and epidural anaesthesia - theory and clinical and other abdominal blocks	Hope	Richard Makin
15-Jun-12	Anaesthesia and the Elderly	MRI	Helen Alexander
22-Jun-12	Clinical measurement - cardiovascular measurement, blood gas machines, O2 N2O CO2 analysis	NMGH	Vikas Kapoor
29-Jun-12	Other drugs - psychoactive drugs, drug abuse, steroids and hormone preparations	Rochdale	Naren Raj
06-Jul-12	Intravenous fluids, blood products and blood transfusion, hazards	Hope	Richard Protheroe
13-Jul-12	Haemoglobin, O2 and CO2 transport, O2 delivery and cascade	Hope	TBC

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Date	Topic	Tutor	
20-Jul-12	Other drugs - sedatives, benzodiazepines, anti-convulsants, antihistamines and gastric pharmacology	NMGH	Stephen Davies
27-Jul-12	Paediatric anaesthesia 1 - physiological, pharmacological and anatomical differences	Bolton	Sarah Thornton
03-Aug-12	CHANGEOVER WEEK		
10-Aug-12	SUMMER BREAK		
17-Aug-12			
24-Aug-12			
31-Aug-12			
07-Sep-12	Paediatric anaesthesia 3 - anaesthetic and medical emergencies, trauma and the sick child/ICU	Bolton	Wyn Price
14-Sep-12	Haemodynamic Monitoring	NMGH	Ella Checkley
21-Sep-12	Blood clotting, anti-coagulation and coagulation, physiology and drugs	NMGH	Patrick Ross
28-Sep-12	Post operative management major surgery and complications, including acute pain, nausea and vomiting	Bury	B Dhanaseker
05-Oct-12	Anaesthesia and post operative care of the patient with respiratory disease	Wigan	Tarek Ibrahim
12-Oct-12	Drugs acting on respiratory system, medical and icu management of asthma and chronic lung disease	Wigan	Gillian Field
19-Oct-12	Liver and Gastrointestinal physiology and anaesthesia for major upper/lower GI surgery	NMGH	Seema Varshney
26-Oct-12	Analgesics, NSAIDs, opioids and antagonists, and other analgesic drugs eg clonidine ketamine, lignocaine	Bury	S Lam
02-Nov-12	An introduction to thoracic anaesthesia. One lung anaesthesia etc anatomy.	MRI	Helen Alexander
09-Nov-12	Intensive Care management of nutrition, electrolyte and vitamin problems, stress response	Bolton	Emma Wheatley
16-Nov-12	Major trauma and Head Injury Management anaesthesia and ICU	Hope	Roisin Haslett
23-Nov-12	Anaesthesia for orthopaedic surgery, including emergency hip surgery	Wigan	Subash Nandalan
30-Nov-12	Obesity relevant to anaesthesia, peri and post operative care. Bariatric surgery.	MRI	Kamran Abbas
07-Dec-12	History and Communication Clinical Skills, Workshop for the OSCE, SimMan	NMGH	Simon Chadwick
14-Dec-12	Anaesthesia for head and neck surgery including jet ventilators etc	NMGH	Radhika Bhisma
21-Dec-12	CHRISTMAS BREAK		
28-Dec-12			
04-Jan-13	Hypnotics sedatives and intravenous anaesthetic agents + theory anaesthetic action	Hope	Oliver Pratt
11-Jan-13	Patients with Cardiovascular Disease, Hypertension, Heart Failure, Drugs and Anaesthesia	Bolton	A Sinha
18-Jan-13	The Immune System and the Inflammatory Response	MRI	Abdelrahman
25-Jan-13	Anaesthesia for vascular surgery	MRI	Adam Pichel
01-Feb-13	Surgical advances with laparoscopes and the hazards. Principles of laparoscopic anaesthesia.	MRI	John Moore
08-Feb-13	Physics - gas laws, heat, principles vapourisers anaesthetic gas delivery and cylinders	Wigan	Robin Foster
15-Feb-13	Infection control of equipment and anaesthesia for the patient with HIV, Hepatitis, TB, blood risks etc.	Hope	Kathy Teale
22-Feb-13	RESTART PROGRAMME		

March 2013 restart new 18 month programme

The sessions are not intended as a formal lecture format and should be interactive and relevant to exam material, such as MCQ work and viva type topics in order to give an indication of the type of material covered in the exam. Speakers can circulate material in advance to departmental secretaries for SHOs to prepare.

If required, please contact the postgrad centre at NMGH (0161 720 2720) in advance to request powerpoint, copying, etc.

The tutorial programme is designed to run as a ½ day programme separate from the primary course.

Inevitably with a programme over 18 months, changes will occur, therefore the master copy will be kept at NMGH Post Graduate Centre and the NW school website.