

NW DEANERY ANAESTHETIC CENTRAL SCHOOL PRIMARY FRCA TUTORIAL PROGRAMME

February 2010 - August 2011

(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 01/09/10

Date	Topic	Tutor	
12-Feb-10	Physiology of circulation, and circulation through special regions	NMGH	Ajit Sukumaran
19-Feb-10	The Upper Airway, problems, assessment and management, critical incidents of Hypoxia	NMGH	Harry Vallance
26-Feb-10	PRIMARY COURSE STUDY DAY - MRI		
05-Mar-10	Cardiac Anaesthesia for the SHO - an overview	MRI	Iain Gall
12-Mar-10	Physiology of the Heart	Wigan	Krishna
19-Mar-10	Respiratory Physiology 1 [West, chapters 1 - 5]	Rochdale	A. Gupta
26-Mar-10	Respiratory Physiology 2 [West, chapters 6 - 10]	Rochdale	Mastan
02-Apr-10	BANK HOLIDAY - GOOD FRIDAY		
09-Apr-10	Antibiotics pharmacology	Hope	TBC
16-Apr-10	Pharmacology 1 - Mechanisms of Drug Actions	Hope	Simon Tomlinson
23-Apr-10	Pharmacology 2 - Pharmacodynamics	Hope	Darshan Boregowda
30-Apr-10	Pharmacology 3 - Pharmacokinetics	Hope	Helen Alexander
07-May-10	PRIMARY COURSE STUDY DAY - ROYAL BOLTON HOSPITAL		
14-May-10	The Anaesthetic Machine, cylinders, breathing circuits, soda lime, safety and hazards etc	NMGH	Vikas Kapoor
21-May-10	Physiology of nerve, muscle and neuromuscular junction	MRI	Nina Plant
28-May-10	Autonomic system physiology and pharmacology	MRI	Alice Arch
04-Jun-10	NeuromuscularJunction physiology	MRI	Fester Benington
11-Jun-10	Cardiovascular drugs - inotropes, vasopressors, vasodilators relevant to anaesthesia and ICU	Bolton	Plummer Cochran
18-Jun-10	Pain - anatomy, physiology and pharmacology of pain, acute and chronic - part 2	Bolton	Barry Miller
25-Jun-10	Pain - anatomy, physiology and pharmacology of pain, acute and chronic - part 1	Bolton	Ian Waite
02-Jul-10	Principles of ventilators and ventilation including; hazards, anaesthesia and ICU	NMGH	Cancelled
09-Jul-10	PRIMARY COURSE STUDY DAY - WYTHENSHAW		
16-Jul-10	X Rays - interpretation and examples for the primary OSCE and Vivas	NMGH	Maya Rosof-Williams
23-Jul-10	ECG interpretation, pacemakers and anaesthesia	MRI	Chris Haley
30-Jul-10			
06-Aug-10	SUMMER BREAK		
13-Aug-10			
20-Aug-10	Cardiovascular drugs - anti arrhythmics, antihypertensives and heart failure, IHD drugs and diuretics	NMGH	Diarmid Cochran
27-Aug-10	Renal physiology & body fluids, electrolytes, fluid and electrolyte balance and acid base control	Bury	Nick Tierney
03-Sep-10	Shock - causes and management. Sepsis syndrome and management inc. dialysis etc.	Bury	Narayanan
10-Sep-10	Physics, electricity, electrical safety, heat, temperature, humidity, measurement (sections B24 1.7 - 1.10)	Hope	Anna Perks
17-Sep-10	Central nervous system + spinal cord, anatomy, physiology and motor + sensory pathways	Wigan	Teo
24-Sep-10	Day Case Anaesthesia	NMGH	Simon Chadwick
01-Oct-10	Obstetrics 1 - physiology of pregnancy, and neonatal physiology + placental pharmacology (primary course day)	NMGH	Harry Vallance
08-Oct-10	Obstetrics 2- Anaesthesia and Emergencies	NMGH	Harry Vallance
15-Oct-10	Critical incidents 1 - hypotension, hypertension pneumothorax, hypoxia, regional anaesthesia critical incidents	NMGH	Simon Chadwick
22-Oct-10	Critical Incidents 2 - anaphylaxis, hyperthermia, scoline apnoea, intra op embolism	NMGH	Elzy Kuruvilla
29-Oct-10	Hypothalamus and pituitary axis, temperature control, central and cellular endocrine control	Bolton	Nick Smith
05-Nov-10	Endocrine Disease and Anaesthesia including Pharmacology and Drugs	Bolton	Tony Putland
12-Nov-10	Anaesthesia for orthopaedic surgery, including emergency hip surgery	Wigan	Nanderlan
19-Nov-10	Anaesthesia for the Eye	Bolton	J Ryan
26-Nov-10	Regional 1 - theory, safety, principles nerve stimulators. Local anaesthetic pharmacology.	Hope	Geoff Sloan
03-Dec-10	Regional 2 - upper and lower limb blocks + head and neck blocks	Hope	Pete Eadsforth
10-Dec-10	Regional 3 - spinal and epidural anaesthesia - theory and clinical and other abdominal blocks	Hope	Richard Makin
17-Dec-10	Anaesthesia and the Elderly	MRI	
24-Dec-10			
31-Dec-10	CHRISTMAS BREAK		

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07-Jan-11	Clinical measurement - cardiovascular measurement, blood gas machines, O2 N2O CO2 analysis	NMGH	Vikas Kapoor
14-Jan-11	Other drugs - psychoactive drugs, drug abuse, steroids and hormone preparations	Rochdale	Naren Raj
21-Jan-11	Intravenous fluids, blood products and blood transfusion, hazards	Hope	Richard Protheroe
28-Jan-11	Haemoglobin, O2 and CO2 transport, O2 delivery and cascade	Hope	Labor ? TBC
04-Feb-11	Blood clotting, anti-coagulation and coagulation, physiology and drugs	NMGH	Patrick Ross
11-Feb-11	Paediatric anaesthesia 1 - physiological, pharmacological and anatomical differences	Bolton	Sarah Thornton
18-Feb-11	Paediatric anaesthesia 2 - principles of anaesthesia including fluid management	Bolton	Sarah Corsan
25-Feb-11	Paediatric anaesthesia 3 - anaesthetic and medical emergencies, trauma and the sick child/ICU	Bolton	Wyn Price
04-Mar-11	Physics and clinical measurement - commonly asked viva questions in part 1	NMGH	Ella Checkley
11-Mar-11	Other drugs - sedatives, benzodiazepines, anti-convulsants, antihistamines and gastric pharmacology	NMGH	Stephen Davies
18-Mar-11	Post operative management major surgery and complications, including acute pain, nausea and vomiting	Bury	B Dhanaseker
25-Mar-11	Drugs acting on respiratory system, medical and icu management of asthma and chronic lung disease	Wigan	Field
01-Apr-11	Anaesthesia and post operative care of the patient with respiratory disease	Wigan	Ibrahim
08-Apr-11	Anaesthesia for head and neck surgery including jet ventilators etc	NMGH	Radhika Bhisma
15-Apr-11	Analgesics, NSAIDs, opioids and antagonists, and other analgesic drugs eg clonidine ketamine, lignocaine	Bury	S Lam
22-Apr-11	BANK HOLIDAY - GOOD FRIDAY		
29-Apr-11	An introduction to thoracic anaesthesia. One lung anaesthesia etc anatomy.	MRI	Bigeon
06-May-11	Intensive Care management of nutrition, electrolyte and vitamin problems, stress response	Bolton	Emma Wheatley
13-May-11	Major trauma and Head Injury Management anaesthesia and ICU	Hope	Roisin Haslett
20-May-11	Anaesthetic gases and vapours, theory, pharmacology and pharmacokinetics	Wigan	Nick Flatt
27-May-11	Obesity relevant to anaesthesia, peri and post operative care. Bariatric surgery.	MRI	Kamran Abbas
03-Jun-11	Liver and Gastrointestinal physiology and anaesthesia for major upper/lower GI surgery	NMGH	Seema Varshney
10-Jun-11	Anaesthesia for vascular surgery	MRI	Adam Pichel
17-Jun-11	Infection control of equipment and anaesthesia for the patient with HIV, Hepatitis, TB, blood risks etc.	Hope	Kathy Teale
24-Jun-11	Patients with Cardiovascular Disease, Hypertension, Heart Failure, Drugs and Anaesthesia	Bolton	A Sinha
01-Jul-11	The Immune System and the Inflammatory Response	MRI	MRI
08-Jul-11	History and Communication Clinical Skills, Workshop for the OSCE, SimMan	NMGH	Simon Chadwick
15-Jul-11	Surgical advances with laparoscopes and the hazards. Principles of laparoscopic anaesthesia.	MRI	John Moore
22-Jul-11	Physics - gas laws, heat, principles vapourisers anaesthetic gas delivery and cylinders	Wigan	Foster
29-Jul-11	Hypnotics sedatives and intravenous anaesthetic agents + theory anaesthetic action	Hope	Oliver Pratt
05-Aug-11	CHANGEOVER WEEK		
12-Aug-11			
19-Aug-11	SUMMER BREAK		
26-Aug-11			
02-Sep-11	RESTART PROGRAMME		

Sept 2011 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.