

## NORTH SCHOOL PRIMARY FRCA TUTORIAL PROGRAMME

August 2011-July 2012  
(Blackburn,Blackpool,Lancaster and Preston)

**Tuesdays at 14.00 unless specified.**

### WINTER 2011

Day	Date	Venue	Topic
Tue	30/08/11	LAN	Receptors & Mechanisms of Drug Action
Tue	06/09/11	BPL	General Pharmacokinetics
<b>THUR</b>	<b>15/09/11</b>	<b>PRE</b>	<b>Chest disease, pulmonary function tests and CXR interpretation</b>
Tue	20/09/11	BBN	Simman session: clinical scenarios
Tue	27/09/11	LAN	CVS disease, ECG interpretation, pacemakers
Tue	04/10/11	BPL	Intravenous fluids, blood products, blood transfusion, hazards
Tue	11/10/11	PRE	Haemoglobin, O <sub>2</sub> and CO <sub>2</sub> transport. Oxygen delivery and cascade
Tue	18/10/11	BBN	Analgesics,NSAIDS,opioids and antagonists. Other analgesic drugs eg ketamine,clonidine
Tue	25/10/11	LAN	I.V. Agents: clinical pharmacology & TIVA
Tue	01/11/11	BPL	Pharmacology of Anaesthetic Gases / VAAs
<b>THUR</b>	<b>10/11/11</b>	<b>PRE</b>	<b>Blood clotting, anti-coagulation and coagulation. Physiology and pharmacology of drugs involved in coagulation/anticoagulation</b>
Tue	15/11/11	BBN	Antibiotics & Anticonvulsants
Tue	22/11/11	LAN	General Pharmacodynamics
Tue	29/11/11	BPL	Neuromuscular Physiology & Monitoring
Tue	06/12/11	PRE	Neuromuscular Pharmacology & MH
Tue	13/12/11	BBN	Respiratory Physiology
Tue	20/12/11	LAN	Drugs acting on respiratory system including medical and ICU management of asthma.
Tue	27/12/11		NO TUTORIAL CHRISTMAS BREAK
Tue	03/01/12		NO TUTORIAL CHRISTMAS BREAK

### SPRING 2011

Tue	10/01/12	BPL	Cardiovascular Physiology
Tue	17/01/12	PRE	Shock, causes and management. Sepsis syndrome and management.
Tue	24/01/12		Cardiovascular Pharmacology including anti arrhythmics, antihypertensives, IHD drugs and diuretics.
Tue	31/01/12	LAN	Anatomy I: Upper and lower limb blocks. Head and neck blocks.
<b>THUR</b>	<b>09/02/12</b>	<b>BPL</b>	<b>The immune system and inflammatory response</b>
Tue	14/02/11	PRE	Renal physiology and body fluids. Fluid and electrolyte balance and acid base control.
Tue	21/02/12	BBN	Physics I: Gases/breathing circuits, Vaporisers, Pressure, Flow, cylinders
Tue	28/02/12	LAN	Physics II: Electricity, Temperature, Humidity, Lasers
Tue	06/03/12	BPL	Autonomic system physiology and pharmacology
Tue	13/03/12	PRE	Local Anaesthetic Pharmacology
Tue	20/03/12	BBN	Clinical Measurement I: Medical Gases, Anaes Machine, Ventilators, Concentration Measurement
Tue	27/03/12	LAN	Clinical Measurement II: Transducer concepts, static / dynamic responses, Pressure measurement

Tue	03/04/12		NO TUTORIAL EASTER BREAK
Tue	10/04/12		NO TUTORIAL EASTER BREAK

## SUMMER 2011

Tue	17/04/12	BPL	Clinical Measurement III: Processing of Biological Potentials, Diathermy, Defibrillators, Electrical Safety
<b>THUR</b>	<b>26/04/12</b>	<b>PRE</b>	<b>Management of head injury and major trauma</b>
Tue	01/05/12	BBN	Physiology of Pregnancy & the Neonate
Tue	08/05/12	LAN	Hypothalamus and pituitary axis, temperature control, central and cellular endocrine control.
Tue	15/05/12	BPL	Principles of paediatric anaesthesia
Tue	22/05/12	PRE	DM and thyroid disease and anaesthesia including pharmacology
Tue	29/05/12	BBN	GI & Hepatic Physiology (excluding PONV)
Tue	05/06/12	LAN	GI & PONV Pharmacology
<b>THUR</b>	<b>14/06/12</b>	<b>BPL</b>	<b>Anatomy II: Spinal and epidural anaesthesia, theory and other abdominal blocks</b>
Tue	19/06/12	PRE	Physiology of Extremes: Old Age, Altitude, Exercise, Obesity
Tue	26/06/12	BBN	Statistics & Clinical Trial Design
Tue	03/07/12	LAN	Anatomy III: Skull Base, Vertebrae, Coronary Circulation, Larynx
Tue	10/07/12	PRE	FEEDBACK SESSION

These tutorials are designed to be interactive rather than didactic. They should be relevant to the primary FRCA exam and include MCQs and viva type topics.

Ideally the tutorial should be conducted by a senior trainee with a consultant as a facilitator who should feedback to the trainee on their teaching skills.

An attendance record is kept of each tutorial, which is inspected regularly. Please ensure that you sign the register and obtain a signature from the chair of the tutorial as a record of attendance for the ARCP.