



ACTs Obstetric and Paediatric Anaesthesia Conference

Kamuzu Central Hospital, Lilongwe, Malawi 9th – 11th September, 2014

Day 1: Promoting Safer Obstetric Anaesthetic Practice

08:00 – 08:45	Registration and Pre-course Assessment	
08:45 – 09:00	Welcome	Dr Keith Thomson & Malawian Representative
09:00 – 09:10	Introduction to the Aims and Structure of the Course <i>Introduce Essay Topic</i>	Dr Joe Masters
09:10 – 09:30	Physiology of Pregnancy	Dr Natalja Kalashnikova
09:30 – 09:50	Pre-Operative Assessment of the Obstetric Patient	Dr James Carvell
09:50 – 10:10	Regional Anaesthesia for Caesarean Section (Advantages, Conduct & Complications)	Dr Nikki Cox
10:10 – 10:30	Break	
10:30 – 11:30	<u>Regional Anaesthesia Workshops: (3 groups – 20 mins per station)</u> 1. Failed and Difficult Spinals 2. Hypotension, High Block and Total Spinal 3. Pain Relief in Labour and Post-Delivery	1. Dr Gary, Dr James & Onias Mtalimanja 2. Dr Sarah, Dr Nikki & Godfrey Phiri 3. Dr Angus, Dr Ros, Dr Natalja & Rose Kapenda
11:30 – 11:50	Anaesthetic Machines for Malawi	Mr Kenneth Kapatuka & Mr William Banda
11:50 – 12:10	Communication – The WHO Checklist, Handover & Challenging Unsafe Practice	Dr Sarah Davidson
12:10 – 13:00	Lunch	
13:00 – 13:20	General Anaesthesia for Caesarean Section (Preparation, Induction & Extubation)	Dr Angus Sutherland
13:20 – 13:40	Difficult Airways and Failed Intubation	Dr Gary Dickinson
13:40 – 14:40	<u>General Anaesthesia Workshops: (3 groups – 20 mins per station)</u> 1. Airway Assessment & Preparation for RSI 2. Difficult Airways & Failed Intubation 3. Extubation and Recovery	1. Dr James, Dr Angus & Cyril Goddia 2. Dr Keith, Dr Joe & William Banda 3. Dr Gary, Dr Ros, Dr Nikki & Onias Mtalimanja
14:40 – 14:55	Break	
14:55 – 15:10	Lifebox	Ms Sarah Kessler
15:10 – 15:30	Postoperative Recovery	Dr Keith Thomson
15:30 – 16:00	Quiz & Prizes Summary & Close	Dr Keith Thomson & Faculty



Day 2: Paediatrics for Anaesthetists

08:00 – 08:10	Feedback from Day 1 and Introduction to Day 2	Dr Joe Masters
08:10 – 08:30	Why Treat Children Differently? (Physiology and Psychology)	Dr Ros Jones
08:30 – 08:50	Conduct of Anaesthesia in Children (Drug Doses, Fluids, Assessment and Management of Pain)	Dr Nikki Cox
08:50 – 09:10	Paediatric Airway Management (Anatomy, Equipment and Emergencies)	Dr Angus Sutherland
09:10 – 09:30	Paediatric Basic Life Support	Dr Sarah Davidson
09:30 – 10:00	Break	
10:00 – 11:00	<u>Workshops: 3 groups – 20 mins per station</u> 1. Paediatric Airway Management 2. Paediatric Basic Life Support & Choking 3. Paediatric RSI & Laryngospasm	1. Dr Nikki, Dr James & William 2. Dr Ros, Dr Angus & Onias 3. Dr Sarah, Dr Gary & Cyril
11:00 – 11:20	A Structured Approach to the Sick Child	Dr Sarah Davidson
11:20 – 11:40	The Child with Breathing Difficulties	Dr Gary Dickinson
11:40 – 12:00	The Child with Shock	Dr James Carvell
12:00 – 12:50	Lunch	
12:50 – 13:10	Paediatric Major Trauma	Dr Angus Sutherland
13:10 – 14:10	<u>Workshops: 3 groups – 20 mins per station</u> 1. The Septic Child 2. Paediatric Major Trauma 3. The Child with Breathing Difficulties (Stridor and Acute Asthma)	1. Dr James, Dr Nikki & Rose 2. Dr Gary, Dr Sarah & Godfrey 3. Dr Ros, Dr Angus & Cyril
14:10 – 14:30	Break	
14:30 – 14:50	Prematurity	Dr Ros Jones
14:50 – 15:10	Infection Control & The Ebola Outbreak	Dr Joe Masters
15:10 – 15:30	Airway Adventures in Africa	Dr Keith Thomson
15:30 – 16:00	Quiz & Prizes Summary and Close	Dr Keith Thomson & Faculty



Day 3: Obstetric Emergencies

08:00 – 08:10	Feedback from Day 2 and Introduction to Day 3	Dr Joe Masters
08:10 – 08:30	Why Do Mothers Die?	Dr Keith Thomson
08:30 – 08:50	Recognition and Management of the Sick Mother	Dr Sarah Davidson & Dr James Carvell
08:50 – 09:10	Sepsis in the Obstetric Patient	Dr Natalja Kalashnikova
09:10 – 09:30	Neonatal Life Support	Dr Ros Jones
09:30 – 09:50	Break	
09:50 – 10:50	<u>Workshops: (3 groups – 20 mins per station)</u> 1. Recognition of the Sick Mother and Resuscitation 2. Neonatal Life Support 3. The Septic Mother	1. Dr James, Dr Sarah & William 2. Dr Angus, Dr Ros, Dr Nikki & Cyril 3. Dr Gary, Dr Natalja & Onias
10:50 – 11:20	Obstetric Haemorrhage (Anaesthetic and Surgical Management)	Dr Natalja Kalashnikova & Dr Keith Thomson
11:20 – 11:40	Pregnancy-Induced Hypertension and Pre-Eclampsia	Dr Gary Dickinson
11:40 – 12:00	Critical Care and the Role of the Anaesthetic Practitioner	Dr Joe Masters
12:00 – 12:50	Lunch & 'Guess the Blood Loss' Competition	
12:50 – 13:10	Anaesthetising the Haemodynamically Unstable Patient	Dr Nikki Cox
13:10 – 14:10	<u>Workshops: (3 groups – 20 mins per station)</u> 1. Obstetric Haemorrhage 2. Managing Pre-Eclampsia and Eclampsia – Hypertension, Seizures and Anaesthesia 3. Anaesthesia in the Haemodynamically Unstable Patient	1. Dr Natalja, Dr Angus & Godfrey 2. Dr James, Dr Sarah & William 3. Dr Gary, Dr Joe & Rose
14:10 – 14:25	Break	
14:25 – 14:55	Essay Case Studies (Presentations and Discussion)	Faculty
14:55 – 15:10	Post-Course Assessment	
15:10 – 16:00	Quiz, Prizes & Closing Ceremony	Dr Keith Thomson & Faculty