

## Programme

## Monday 31<sup>st</sup> July 2017

	Group 1	Group 2
<b>0800 - 0845</b>	<b>REGISTRATION</b>	
<b>0845 - 0930</b>	<b>WELCOME &amp; INTRODUCTION</b>	
<b>0930 - 1030</b>	A Week in the Life of a Colorectal Surgeon – Mr Chelliah Selvasekar	A Week in the Life of a Cardiothoracic Physician - Mr Joe Thekkudan
<b>1030 - 1130</b>	A Week in the Life of a Hepato-Pancreato-Biliary Surgeon – Mr Rahul Deshpande	A Week in the Life of a General Physician - Mr Akheel Syed
<b>1130 - 1145</b>	<b>BREAK</b>	
<b>1145 - 1245</b>	A Week in the Life of a Radiologist – Dr Cherian George	A Week in the Life of an Acute Physician - Dr Anu Trehan
<b>1245 - 1345</b>	<b>LUNCH</b>	
<b>1345 - 1445</b>	A Week in the Life of a Paediatric Surgeon - Mr Sattar Alshryda	A Week in the Life of a Medical Educator and Entrepreneur - Professor Stuart Enoch
<b>1445 - 1545</b>	A Week in the Life of an ENT Surgeon - Mr John de Carpentier	A Week in the Life of Practicing Medicine in a Developing Country - Dr Victus Torsu
<b>1545 - 1645</b>	A Week in the Life of a Specialist Registrar - Miss Yan Mei Goh	
<b>1645 - 1745</b>	Surgical Skills Talk & Demonstration - Mr Roop Tandon, Mr Geoffrey Hooper, Mr Ian Wallace	

## Programme

Tuesday 1<sup>st</sup> August 2017

### Group A

0900-1000

**Lecture Options:**

1. Obesity and Bariatric Surgery
2. Management of Shock, Congestive Cardiac Failure, and Role of Inotropes
3. Management of Trauma (Long Bones and Pelvis) According to ATLS Principles

1000-1100

**Lecture Options:**

1. The Future of Neurosurgery
2. No Health Without Mental Health
3. Replant, Reconstruction and Restoration: A Career in Hand Surgery (includes Military Injuries)

1100-1130

Break

1130-1230

**Workshop:**

Essential Surgical Skills

1230-1330

**Workshop:**

Essential Surgical Skills

1330-1430

Lunch

1430-1530

**Lecture Options:**

1. Assessment and Management of Head Injuries
2. Management of Disorders and Dysfunction of the Adrenal and Pituitary Glands
3. An Overview of a Career in Obstetrics and Career Structure

1530-1630

**Lecture Options:**

1. An Overview of and Current Advances in Plastic Surgery
2. Global Scourge of Type II DM: Current Advances and Future Therapies
3. Essential Statistics for Research, Audit and Publications

## Programme

Tuesday 1<sup>st</sup> August 2017

### Group B

0900-1000 **Workshop:**  
Essential Surgical Skills

1000-1100 **Workshop:**  
Essential Surgical Skills

1100-1130 Break

1130-1230 **Lecture Options:**  
1. Damage Control Surgery in Trauma  
2. How Doctors Think: Critical Thinking, Clinical Reasoning and Cognitive Bias  
3. Fundamentals of Obstetrics and Obstetric Emergencies

1230-1330 **Lecture Options:**  
1. Thoracic Trauma and Surgery  
2. Brain Tumours  
3. Common Conditions and Emergencies in Paediatrics

1330-1430 Lunch

1430-1530 **Workshop:**  
Basic Laparoscopic Skills and Performing Ultrasound Examinations

1530-1630 **Workshop:**  
Basic Laparoscopic Skills and Performing Ultrasound Examinations

## Programme

Tuesday 1<sup>st</sup> August 2017

### Group C

0900-1000

**Lecture Options:**

1. Obesity and Bariatric Surgery
2. Management of Shock, Congestive Cardiac Failure, and Role of Inotropes
3. Management of Trauma (Long Bones and Pelvis) According to ATLS Principles

1000-1100

**Lecture Options:**

1. The Future of Neurosurgery
2. No Health Without Mental Health
3. Replant, Reconstruction and Restoration: A Career in Hand Surgery (includes Military Injuries)

1100-1130

Break

1130-1230

**Workshop:**

Basic Life Support and Airway Management

1230-1330

**Workshop:**

Basic Life Support and Airway Management

1330-1430

Lunch

1430-1530

**Lecture Options:**

1. Assessment and Management of Head Injuries
2. Management of Disorders and Dysfunction of the Adrenal and Pituitary Glands
3. An Overview of a Career in Obstetrics and Career Structure

1530-1630

**Lecture Options:**

1. An Overview of and Current Advances in Plastic Surgery
2. Global Scourge of Type II DM: Current Advances and Future Therapies
3. Essential Statistics for Research, Audit and Publications

## Programme

Tuesday 1<sup>st</sup> August 2017

### Group D

0900-1000 **Workshop:**  
Basic Life Support and Airway Management

1000-1100 **Workshop:**  
Basic Life Support and Airway Management

1100-1130 Break

1130-1230 **Lecture Options:**  
1. Damage Control Surgery in Trauma  
2. How Doctors Think: Critical Thinking, Clinical Reasoning and Cognitive Bias  
3. Fundamentals of Obstetrics and Obstetric Emergencies

1230-1330 **Lecture Options:**  
1. Thoracic Trauma and Surgery  
2. Brain Tumours  
3. Common Conditions and Emergencies in Paediatrics

1330-1430 Lunch

1430-1530 **Workshop:**  
Essential Surgical Skills

1530-1630 **Workshop:**  
Essential Surgical Skills

## Programme

Tuesday 1<sup>st</sup> August 2017

### Group E

0900-1000

**Lecture Options:**

1. Obesity and Bariatric Surgery
2. Management of Shock, Congestive Cardiac Failure, and Role of Inotropes
3. Management of Trauma (Long Bones and Pelvis) According to ATLS Principles

1000-1100

**Lecture Options:**

1. The Future of Neurosurgery
2. No Health Without Mental Health
3. Replant, Reconstruction and Restoration: A Career in Hand Surgery (includes Military Injuries)

1100-1130

Break

1130-1230

**Workshop:**

Thoracic Trauma, Chest Drain Insertion and ECG

1230-1330

**Workshop:**

Thoracic Trauma, Chest Drain Insertion and ECG

1330-1430

Lunch

1430-1530

**Lecture Options:**

1. Assessment and Management of Head Injuries
2. Management of Disorders and Dysfunction of the Adrenal and Pituitary Glands
3. An Overview of a Career in Obstetrics and Career Structure

1530-1630

**Lecture Options:**

1. An Overview of and Current Advances in Plastic Surgery
2. Global Scourge of Type II DM: Current Advances and Future Therapies
3. Essential Statistics for Research, Audit and Publications

## Programme

Tuesday 1<sup>st</sup> August 2017

### Group F

0900-1000 **Workshop:**  
Basic Laparoscopic Skills and Performing Ultrasound Examinations

1000-1100 **Workshop:**  
Basic Laparoscopic Skills and Performing Ultrasound Examinations

1100-1130 **Break**

1130-1230 **Lecture Options:**  
1. Damage Control Surgery in Trauma  
2. How Doctors Think: Critical Thinking, Clinical Reasoning and Cognitive Bias  
3. Fundamentals of Obstetrics and Obstetric Emergencies

1230-1330 **Lecture Options:**  
1. Thoracic Trauma and Surgery  
2. Brain Tumours  
3. Common Conditions and Emergencies in Paediatrics

1330-1430 **Lunch**

1430-1530 **Workshop:**  
Essential Obstetric Skills and Paediatric Assessment Skills

1530-1630 **Workshop:**  
Essential Obstetric Skills and Paediatric Assessment Skills

## Programme

## Wednesday 2<sup>nd</sup> August 2017

### Group A

0900-1000 **Workshop:**  
Basic Laparoscopic Skills and Performing Ultrasound Examinations

1000-1100 **Workshop:**  
Basic Laparoscopic Skills and Performing Ultrasound Examinations

**1100-1130** Break

1130-1230 **Lecture Options:**  
1. An Overview of Oncology  
2. Emotional Intelligence: The Vital Ingredient for a Successful Career and The Imaging Investigation of Choice for Acute Medical and Surgical Conditions  
3. An Overview of Management of Burns and Skin Cancers

1230-1330 **Lecture Options:**  
1. Examination of the Hand and Congenital Anomalies of the Hand  
2. An Overview of Management of Trauma/Critically Ill Patient  
3. Management of Gastrointestinal Emergencies

**1330-1430** Lunch

1430-1530 **Workshop:**  
Principles of Fixing Traumatic Injuries

1530-1630 **Workshop:**  
Principles of Fixing Traumatic Injuries



## Programme

## Wednesday 2<sup>nd</sup> August 2017

### Group B

- 0900-1000 **Lecture Options:**
1. Neurology History Taking/Assessment
  2. Addiction to Substance Use and Technology
  3. Lower GI Laparoscopic and Robotic Surgery
- 1000-1100 **Lecture Options:**
1. Essential Statistics for Research, Audit and Publications
  2. General Practice - What's It All About?
  3. Metabolic Disorders, Electrolyte Imbalances and Obesity

1100-1130

Break

- 1130-1230 **Workshop:**  
Thoracic Trauma, Chest Drain Insertion and ECG
- 1230-1330 **Workshop:**  
Thoracic Trauma, Chest Drain Insertion and ECG

1330-1430

Lunch

- 1430-1530 **Lecture Options:**
1. An Overview of Management of Trauma/Critically Ill Patient
  2. An Overview of and Common Conditions in Rheumatology
  3. Management of Gastrointestinal Emergencies
- 1530-1630 **Lecture Options:**
1. An Overview of Vascular Surgery
  2. The Essentials of Nephrology
  3. Applied Anatomy in Clinical Practice

## Programme

## Wednesday 2<sup>nd</sup> August 2017

### Group C

0900-1000 **Workshop:**  
Essential Surgical Skills

1000-1100 **Workshop:**  
Essential Surgical Skills

**1100-1130** Break

1130-1230 **Lecture Options:**

1. An Overview of Oncology
2. Emotional Intelligence: The Vital Ingredient for a Successful Career and The Imaging Investigation of Choice for Acute Medical and Surgical Conditions
3. An Overview of Management of Burns and Skin Cancers

1230-1330 **Lecture Options:**

1. Examination of the Hand and Congenital Anomalies of the Hand
2. An Overview of Management of Trauma/Critically Ill Patient
3. Management of Gastrointestinal Emergencies

**1330-1430** Lunch

1430-1530 **Workshop:**  
Thoracic Trauma, Chest Drain Insertion and ECG

1530-1630 **Workshop:**  
Thoracic Trauma, Chest Drain Insertion and ECG

## Programme

## Wednesday 2<sup>nd</sup> August 2017

### Group D

- 0900-1000 **Lecture Options:**
1. Neurology History Taking/Assessment
  2. Addiction to Substance Use and Technology
  3. Lower GI Laparoscopic and Robotic Surgery
- 1000-1100 **Lecture Options:**
1. Essential Statistics for Research, Audit and Publications
  2. General Practice - What's It All About?
  3. Metabolic Disorders, Electrolyte Imbalances and Obesity

1100-1130

Break

- 1130-1230 **Workshop:**  
Principles of Fixing Traumatic Injuries

- 1230-1330 **Workshop:**  
Principles of Fixing Traumatic Injuries

1330-1430

Lunch

- 1430-1530 **Lecture Options:**
1. An Overview of Management of Trauma/Critically Ill Patient
  2. An Overview of and Common Conditions in Rheumatology
  3. Management of Gastrointestinal Emergencies

- 1530-1630 **Lecture Options:**
1. An Overview of Vascular Surgery
  2. The Essentials of Nephrology
  3. Applied Anatomy in Clinical Practice

## Programme

## Wednesday 2<sup>nd</sup> August 2017

### Group E

0900-1000 **Workshop:**  
Basic Life Support and Airway Management

1000-1100 **Workshop:**  
Basic Life Support and Airway Management

**1100-1130** Break

1130-1230 **Lecture Options:**  
1. An Overview of Oncology  
2. Emotional Intelligence: The Vital Ingredient for a Successful Career and The Imaging Investigation of Choice for Acute Medical and Surgical Conditions  
3. An Overview of Management of Burns and Skin Cancers

1230-1330 **Lecture Options:**  
1. Examination of the Hand and Congenital Anomalies of the Hand  
2. An Overview of Management of Trauma/Critically Ill Patient  
3. Management of Gastrointestinal Emergencies

**1330-1430** Lunch

1430-1530 **Workshop:**  
Essential Surgical Skills

1530-1630 **Workshop:**  
Essential Surgical Skills

## Programme

## Wednesday 2<sup>nd</sup> August 2017

### Group F

- 0900-1000 **Lecture Options:**
1. Neurology History Taking/Assessment
  2. Addiction to Substance Use and Technology
  3. Lower GI Laparoscopic and Robotic Surgery
- 1000-1100 **Lecture Options:**
1. Essential Statistics for Research, Audit and Publications
  2. General Practice - What's It All About?
  3. Metabolic Disorders, Electrolyte Imbalances and Obesity

1100-1130

Break

- 1130-1230 **Workshop:**  
Essential Surgical Skills

- 1230-1330 **Workshop:**  
Essential Surgical Skills

1330-1430

Lunch

- 1430-1530 **Lecture Options:**
1. An Overview of Management of Trauma/Critically Ill Patient
  2. An Overview of and Common Conditions in Rheumatology
  3. Management of Gastrointestinal Emergencies

- 1530-1630 **Lecture Options:**
1. An Overview of Vascular Surgery
  2. The Essentials of Nephrology
  3. Applied Anatomy in Clinical Practice

## Programme

## Thursday 3<sup>rd</sup> August 2017

0800 - 0845 Registration

0845 - 0930 World University Anatomy Challenge - Screening Round

0930 - 1030 Telemedicine and the Health of the Nation - Dr Karen Morton

**1030 - 1100 Break**

1100 - 1130 Networking

1130 - 1230 World University Anatomy Challenge - Knockout Rounds

**1230 - 1330 Lunch**

1330 - 1430 Ten Easy Steps to Successful Publications - Dr Neel Halder

1430 - 1635 United Kingdom Winner of Winners Competition (please see Running Order of Presentations on pages 34 and 35)

This unique competition involves the winners of presentations from various national student conferences throughout the United Kingdom during the academic year of 2016-2017. Due to the pioneering and commendable nature of their work, the winners have been invited to the Summer School to compete in a challenging and intellectually-stimulating environment in order to present their work to an inquisitive and enthusiastic International audience. This also offers the delegates of the Summer School a fantastic opportunity to gain an overview of the cutting-edge research which is currently being undertaken by medical students in the UK. There will be seven 15-minute oral presentations; the specific details and running order are outlined in the pages overleaf.

1635 - 1645 Prize Giving Ceremony and Close

## Programme

Thursday 3<sup>rd</sup> August 2017

United Kingdom Winner of Winners Competition  
Thursday 3<sup>rd</sup> August 2017

### Running Order of Oral Presentations

1440 - 1455

Translating Fragile X: A Method for Analysing Active Translation in Dendritic Processes

Homyer, K

University of Glasgow

1456 - 1511

A Patient Reported Measure of Reasons for Emergency Department Attendance Amongst Paediatric Patients

Johnson, Z

University of Cardiff

1512 - 1527

The Homing and Regenerative Potential of Activated vs Quiescent Cardiac Stem Cells

Chadalavada, G

St George's, University of London

1528 - 1543

New Paracetamol Overdose Treatment Pathway - Shorter, Safer and Cost Saving

Fung, E

University of Edinburgh

1544 - 1559

Enhanced Recovery After Surgery: Lessons from a Trial Implementation in Elective Lower Limb Arthroplasty

Norman, J

Hull York Medical School

## Programme

**Thursday 3<sup>rd</sup> August 2017**

**1600 - 1615**

**Temporal Changes in Skull Morphology in Unilateral Coronal Synostosis due to the Etiopathogenesis of Craniofacial Skull Deformity**

**Baweja, K**

University of Edinburgh

**1616 - 1631**

**The Use of Tranexamic Acid in Major Haemorrhage Management at University Hospital of Wales Emergency Department**

**Stokes, E**

University of Cardiff



## Programme

**Friday 4<sup>th</sup> August 2017**

0800 - 0845 Registration

0900 - 0940 Current Advances in Fetal Medicine - Dr Iram Siddiqui

0945 - 1030 Management of Thoracic Trauma - Mr Sridhar Rathinam

**1030 - 1100 Break**

1100 - 1130 Global Training Opportunities in Cardiothoracic Surgery - Mr Sridhar Rathinam

1130 - 1230 Ear to Hear: Recent Advances in Hearing Restoration and BAHAs - Mr Vikas Malik

**1230 - 1330 Lunch**

1330 - 1430 Gene Therapies to Counter Ageing - Dr Avi Roy

1430 - 1500 Debate - The Ethics of Defying Ageing

1500 - 1600 World University Anatomy Challenge - Finals

1600 - 1630 Closing Ceremony