

**Neurosurgery Update & Dissection Courses 2016**  
**30<sup>th</sup> September – 9<sup>th</sup> October 2016**  
**10 days**  
**Courses Faculty**

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**Neurosurgery Dissection Course**  
**30<sup>th</sup> September – 2<sup>nd</sup> October 2016**

**Day One**

	<b>Lectures</b>
<b>Registration</b>	<b>07:30 - 08:00</b>
<b>Introduction to the Course</b>	<b>08:00 – 08:15</b>
<b>Cranial Approaches</b>	<b>08:15 – 10:45</b>
	Convexity and Parasagittal Approaches
	Pterional Craniotomy
	Frontal and Bifrontal Craniotomy
	Orbitozygomatic Approach
	Eyebrow Approach
	Translabyrinthine Approach
	Retrosigmoid Approach
	Midline Suboccipital Approach
<b>Tea &amp; Coffee Break</b>	<b>10:45 – 11:00</b>
<b>Intracranial Tumour Surgery</b>	
	Glioma Surgery
	Meningioma Surgery
	Intraventricular Tumours
<b>Lunch &amp; Group Photo</b>	<b>12:30 -13:00</b>

<b>Skull Base Surgery</b>	
	Anatomy of Nasal Sinus
	Endoscopic Skull Base Surgery
<b>Cranial Trauma Surgery</b>	
	Decompressive Craniectomy
<b>Cerebrovascular Surgery</b>	
	Aneurysmal Surgery
	Cavernous Malformation Surgery
	Resection of arteriovenous malformation
	Principles & Techniques
<b>Tea &amp; Coffee Break</b>	<b>17:45 – 18:00</b>
<b>Trigeminal Neuralgia</b>	
	Percutaneous Lesioning
	Microvascular Decompression
<b>Epilepsy</b>	
	Temporal Lobectomy
	Amygdalohippocampectomy
	Hemispherotomy
	Vagal Nerve Stimulation
	<b>Evaluation Sheet Collection Questions &amp; Answers</b>
	<b>18:00 – 20:00 Evening Seminar By Medtronic For Cranial and Spinal Navigation</b>



## Day Two

	<b>Laboratory dissection</b>
<b>Introduction to hands-on workshops</b>	<b>08:00 – 08:15</b>
<b>The Pterional Craniotomy</b>	<b>08:15 – 10:15</b>
<b>Cadaveric exercise</b>	<ul style="list-style-type: none"> <li>• Cranial bony landmarks</li> <li>• Relevant anatomy of skull and dura including middle meningeal vessels.</li> <li>• Cortical anatomy of frontal and temporal lobe</li> <li>• Anatomy of proximal Sylvian fissure</li> <li>• Anatomy of proximal internal carotid artery, optic nerve, anterior clinoid, and oculomotor nerve</li> <li>• Temporal Lobectomy &amp; Amygdalohippocampectomy</li> </ul>
<b>Tea &amp; Coffee Break</b>	<b>10:15 – 10:30</b>
<b>Orbitozygomatic Craniotomy</b>	<b>10:30 – 12:30</b>
<b>Cadaveric exercise</b>	<ul style="list-style-type: none"> <li>• Orbitozygomatic bony landmarks</li> <li>• Techniques of bony removal</li> <li>• Drilling of the Anterior Clinoid Process</li> <li>• Dural opening</li> <li>• Exposure of Olfactory, Optic Nerves</li> <li>• Exposure of Internal Carotid artery</li> <li>• Exposure of Orbital fissures</li> <li>• Opening of Sylvian Fissure</li> <li>• Exposure of Middle Cerebral artery</li> <li>• Lateral wall of Cavernous sinus</li> </ul>
<b>Lunch Break Group Photo</b>	<b>12:30 – 13:00</b>

<b>Supraorbital Craniotomy</b>	<b>13:00 - 14:30</b>
<b>Cadaveric Exercise</b>	<ul style="list-style-type: none"> <li>• Microsurgical anatomy</li> <li>• Placing bur-holes, craniotomies</li> <li>• Handling the frontal sinus</li> <li>• Opening the dura &amp; brain retraction</li> <li>• Handling of bridging veins</li> <li>• Identification of olfactory tracts, optic nerves and anterior cerebral artery complex.</li> </ul>
<b>Bifrontal Craniotomy</b>	<b>14:30 – 16:00</b>
<b>Cadaveric Exercise</b>	<ul style="list-style-type: none"> <li>• Bifrontal craniotomy</li> <li>• Extradural and intradural approach to anterior fossa with identification of olfactory tracts, optic nerves and anterior cerebral artery complex.</li> <li>• Formal division of anterior Sagittal sinus</li> <li>• Exposure of the Third Ventricle</li> <li>• Exenteration of frontal air sinuses</li> <li>• Exteriorisation of sinuses with vascularised pericranial flap</li> <li>• Bone flap replacement with various fixation techniques</li> </ul>
<b>Tea &amp; Coffee Break</b>	<b>16:00 – 16:15</b>
<b>Parasagittal Craniotomy</b>	<b>16:15 – 18:15</b>
<b>Cadaveric Exercise</b>	<ul style="list-style-type: none"> <li>• Placing bur-holes, craniotomies</li> <li>• Handling the sinus</li> <li>• Opening the dura, handling of bridging veins</li> <li>• Identification of Peri-callosal vessels</li> <li>• Transcallosal approach to lateral and third ventricles</li> </ul>
<b>End of Day &amp; Evaluation Sheets</b>	<b>18:15 – 18:30</b>
<b>Course Dinner</b>	<b>20:00 – 22:30</b> <b>All Welcome</b> <b>Hilton Hotel , Coventry</b>

## Day Three

	<b>Laboratory dissection</b>
<b>Introduction to hands-on workshops</b>	<b>08:00 – 08:15</b>
<b>Midline Suboccipital Approach</b>	<b>08:15 – 10:15</b>
Cadaveric Exercise	<ul style="list-style-type: none"> <li>• Bony landmarks</li> <li>• Identification of venous sinuses</li> <li>• Cerebellar Exposure &amp; Splitting of Vermis</li> <li>• Identification of neural triangles in the floor of fourth ventricle</li> </ul>
<b>Tea &amp; Coffee Break</b>	<b>10:15 – 10:30</b>
<b>Lateral Suboccipital Approach</b>	<b>10:30 – 12:30</b>
Cadaveric Exercise	<ul style="list-style-type: none"> <li>• Bony Landmarks</li> <li>• Bur-holes positioning</li> <li>• Craniotomy &amp; Craniectomy</li> <li>• Handling of the sinus</li> <li>• Opening the dura</li> <li>• Decompression by CSF-release</li> <li>• Retraction of the Cerebellum</li> <li>• Identification of Cranial nerves</li> <li>• Identification of vascular structures</li> </ul>
<b>Lunch Break Group Photo</b>	<b>12:30 – 13:00</b>

<b>Anterior Cervical Approach</b>	<b>13:00 – 15:00</b>
Cadaveric Exercise	<ul style="list-style-type: none"> <li>• Approach to the Neck &amp; vascular Structures</li> <li>• Relationship to vertebral artery &amp; cervical roots</li> <li>• Anterior cervical dissection with discectomies</li> <li>• Identification of dura and roots</li> <li>• Implants: cages, stand Alone Cages &amp; Plates</li> <li>• Plates &amp; Screw</li> <li>• Artificial Disc Replacement</li> </ul>
<b>Tea &amp; Coffee Break</b>	<b>15:00 – 15:15</b>
<b>Posterior Cervical Approach</b>	<b>15:15 – 17:15</b>
Cadaveric Exercise	<ul style="list-style-type: none"> <li>• Cervical laminectomy and posterior foraminotomy</li> <li>• Dissection along cervical roots to establish relationship posteriorly with facet joints and anteriorly with uncoverterbral joints and cervical discs.</li> <li>• Implants: Laminoplasty</li> <li>• Principles of Lateral mass fixation</li> </ul>
<b>End of Day &amp; Evaluation Sheets</b>	<b>17:15 – 17:30</b>

## Hands On & Products Demonstration



## Monday 3<sup>rd</sup> October 2016

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>	<b>Hospital</b>	<b>Division</b>
08:00 - 08:30	Registration	Registration	University Hospitals, Coventry	
08:30 – 08:45	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	
08:45– 09:00	Mr Gary Walton	Malignant Skull Base Tumours: The Modal Management Strategies	University Hospitals, Coventry	Skull Base Surgery
09:00 - 09:15	Mr Richard Selway	Epilepsy: Clinical & radiological assessment	King's College Hospital, London	Epilepsy
09:15 – 09:30	Mr Richard Selway	Epilepsy: Surgical planning	King's College Hospital, London	Epilepsy
09:30 – 09:45	Mr Nikolaos Tzerakis	Spinal Tumours: Clinical & Radiological Evaluation	University Hospitals of North Midlands, Stoke	Spinal Surgery
09:45 – 10:00	Mr Nikolaos Tzerakis	Spinal Tumours: The Multi Modal Management Strategy	University Hospitals of North Midlands, Stoke	Spinal Surgery
10:00 – 10:15	Mr Peter Stanworth, OBE	Neurosurgery in Battlefield	University Hospitals, Coventry	Head Trauma
10:15 – 10:30	Mr Peter Bodkin	Trigeminal neuralgia: Clinical & diagnostic evaluation	Aberdeen Royal Infirmary, Aberdeen, Scotland	Pain & Neurosurgery
10:30 – 10:45	Mr Peter Bodkin	Trigeminal neuralgia: Management	Aberdeen Royal Infirmary, Aberdeen, Scotland	Pain & Neurosurgery
10:30 - 10:45	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		

10:45 - 11:00	Mr Shahzada Ahmed	Principles of Endoscopic Skull Base Surgery	University Hospitals, Birmingham	Skull Base Surgery
11:00 - 11:15	Mr Shahzada Ahmed	Reconstruction following Extended Endoscopic Skull Base Surgery	University Hospitals, Birmingham	Skull Base Surgery
11:15 - 11:30	Mr Shahzada Ahmed	Endoscopic Skull Base & Sagittal Plan: Indications	University Hospitals, Birmingham	Skull Base Surgery
11:30 – 11:45	Mr Shahzada Ahmed	Endoscopic Skull Base & Coronal Plan: Complications	University Hospitals, Birmingham	Skull Base Surgery
11:45 – 12:00	Professor Amjad Shad	Pituitary Tumours: When to operate?	University Hospitals, Coventry	Skull Base Surgery
12:00 - 12:15	Mr Chittoor Rajaraman	Neuronal-Glial Tumours: Clinical Presentations & Diagnostic Evaluation	Hull Royal Infirmary, Hull	Neuro-oncology
12:15 – 12:30	Mr Chittoor Rajaraman	Neuronal-Glial Tumours: Surgical Planning & Challenges	Hull Royal Infirmary, Hull	Neuro-oncology
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
13:00 - 13:15	Dr Andrea Lindhal	Diagnosis & Management of Parkinson’s Disease	University Hospitals, Coventry	Neurology- Functional
13:15 - 13:30	Professor Antonio Belli	Traumatic Brain Injuries: Current & Future	University Hospitals, Birmingham	Head Trauma
13:30- 13:45	Professor Antonio Belli	Traumatic Brain Injury: Management Update	University Hospitals, Birmingham	Head Trauma
13:45 – 14:00	Dr Peter Munthali	Postoperative CSF infection	University Hospital, Coventry	Microbiology

14:00 - 14:15	Mr Peter Stanworth, OBE	Penetrating & Gunshot Head Injuries	University Hospitals, Coventry	Head Trauma
14:15 – 14:30	Mr Lewis Thorne	Cerebrospinal Fluid Dynamics	National Hospital for Neurosurgery, London	Hydrocephalus
14:30 – 14:45	Mr Lewis Thorne	Hydrocephalus Update	National Hospital for Neurosurgery, London	Hydrocephalus
14:45 – 15:00	Miss Erminia Albanese	Brain Mapping: Current & Future Update	University Hospitals of North Midlands, Stoke	Neuro-oncology
15:15 – 15:30	Miss Erminia Albanese	Surgery of the Tumours of the Supplementary Motor Area	University Hospitals of North Midlands, Stoke	Neuro-oncology
15 :30 – 15:45	Dr Holger Allroggen	Epilepsy	University Hospital, Coventry	Neurology
15:45 – 16:00	Dr Holger Allroggen	Epilepsy & Anti-epileptics in Neurosurgery	University Hospital, Coventry	Neurology
16:00 – 16:15	Dr Mark Hocking	Metastatic Spinal Cord Compression: The Multi Modal Management	University Hospital, Coventry	Spine Surgery
16:15 – 16:30	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
16:30 - 16:45	Dr Cyprian Mendonca	Pearls of Airway management in neurosurgery	University Hospital, Coventry	Neuro-anaesthesia
16:45 – 17:00	Mr Stephen Metcalfe	Cauda Equina Syndrome: Clinical & Diagnostic Evaluation	University Hospitals, Birmingham	Spine Surgery
17:00 - 17:15	Mr Stephen Metcalfe	Cauda Equina Syndrome: Surgical Planning & Challenges	University Hospitals, Birmingham	Spine Surgery


17:15 – 17:30	Mr Ameen Ameen	The golden hours in Cauda Equina Syndrome	University Hospitals, Birmingham	Spine Surgery
17:30 – 17:45	Mr Ameen Ameen	Avoiding Litigations in Spinal Surgery	University Hospitals, Birmingham	Spine Surgery
17:45 - 18:00	Mr Guy Wynne-Jones	Principles of Thoraco-lumbar Instrumentation	Royal Victoria Infirmary Newcastle	Spinal Surgery
18:00 – 18:15	Mr Guy Wynne-Jones	Minimal Invasive Spine Surgery: principles & applications	Royal Victoria Infirmary Newcastle	Spinal Surgery
18:00 – 18:15	Mr Amit Amit	Complication in Spinal Surgery	University Hospital, Coventry	Spine Surgery
18:15 - 18:30	Professor Michael Sabel	Maximum tumour resection: Advances & Challenges	Dusseldorf, Germany	Neurosurgery
18:30 – 18:45	Professor Michael Sabel	Eloquent located brain gliomas: Present & Future Management	Dusseldorf, Germany	Neurosurgery
18:45 – 19-00	End of the day	<b>Evaluation Sheet Collection</b>		



19:00-21:00

# Evening Seminar


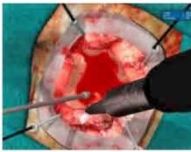
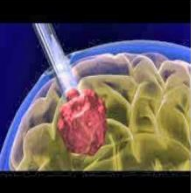






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3rd – 9th October 2016  
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**Professor of Neurosurgery**  
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**Tuesday 4<sup>th</sup> October 2016**

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>	<b>Hospital</b>	<b>Division</b>
08:30 - 08:45	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	
08:45 - 09:00	Dr Andrew Phillips	Consent & Neurosurgery	University Hospitals, Coventry	Neuro anaesthesia
09:00 - 09:15	Dr Sanjoy Nagaraja	Imaging of Arteriovenous malformations & fistulas	University Hospitals, Coventry	Neuroradiology
09:15 – 09:30	Dr Sanjoy Nagaraja	Advances in Neuro-endovascular interventions	University Hospitals, Coventry	Neuroradiology
09:30 – 09:45	Professor Keyoumars Ashkan	Malignant Brain Tumours: Update	King's College Hospital, London	Neurosurgery
09:45 – 10:00	Professor Keyoumars Ashkan	Deep brain Stimulation: Current & future	King's College Hospital, London	Neurosurgery
10:00 – 10:15	Dr Maurizio Fuschi	Understanding cerebral angiography	Hull Royal Infirmary, Hull	Neuro-radiology
10:15 – 10:30	Dr Maurizio Fuschi	Stroke & radiological interventions	Hull Royal Infirmary, Hull	Neuro-Radiology
10:30 – 10:45	Dr Rajesh Khurana	Dysreflexia & Spinal Cord Injury	University Hospitals, Coventry	Neuro-rehabilitation
10:15 – 10:30	Dr Zahid Kazmi	Neuro anaesthesia & awake craniotomies	University Hospitals, Coventry	Neuro anaesthesia
10:30 - 10:45	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		

10:45 – 11:00	Mr Richard Ashpole	Simulation & Training in Neurosurgery	University Hospital, Nottingham	Neurosurgery
11:00 – 11:15	Dr Peter Munthali	Antibiotics & Neurosurgery	University Hospitals, Coventry	Microbiology
11:15 – 11:30	Mr Ramesh Chelvarajah	Temporal Lobe Epilepsy: Update & advances	University Hospitals, Birmingham, England	Epilepsy
11:30 - 11:45	Dr Ion Boiangiu	Principles of Chemotherapy & Gliomas Management	University Hospital, Coventry	Neuro-oncology
11:45 - 12:00	Dr Ion Boiangiu	Metastatic Brain Tumours: The Oncological Management	University Hospital, Coventry	Neuro-oncology
12:00 - 12:15	Mr Athanasios Grivas	Temporal Lobe Epilepsy: Clinical & Diagnostic Evaluation	Southern General Hospital, Glasgow, Scotland	Epilepsy
12:15 – 12:30	Mr Athanasios Grivas	Temporal lobe epilepsy: Surgical planning & challenges	Southern General Hospital, Glasgow, Scotland	Epilepsy
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
3:00 - 13:15	Mr Jonathan Pollock	Surgical Management of Meningioma – lessons from a large series	Barking, Havering University Hospitals, Greater London	Neuro-oncology
13:15 -13:30	Mr Jonathan Pollock	The Results of Non-Operative Management of Meningioma	Barking, Havering University Hospitals, Greater London	Neuro-oncology
13:30 - 13:45	Mr Mansoor Foroughi	Chiari Malformation: Pathophysiology	Brighton and Sussex University Hospitals, Sussex, England	Neurosurgery
13:45 - 14:00	Mr Mansoor Foroughi	Chiari Malformation: Management	Brighton and Sussex University Hospitals, Sussex, England	Neurosurgery

14:00 - 14:15	Mr Mansoor Foroughi	Cavernous Malformation: Contemporary strategies of management	Brighton and Sussex University Hospitals, Sussex, England	Neurosurgery
14:45 - 14:30	Mrs Anwen White	Surgical Treatment of Parkinson's Disease	University Hospitals, Birmingham	Functional Neurosurgery
14:30 - 14:45	Mrs Anwen White	Deep Brain Stimulation: Current & Future	University Hospitals, Birmingham	Functional Neurosurgery
14:45 - 15:00	Mr Jibril Osman Farah	Trigeminal Neuralgia: Clinical & diagnostic evaluation & surgical management	Walton Centre, Liverpool	Pain & Neurosurgery
15:00 - 15:15	Mr Jibril Osman Farah	Eloquent Brain Tumours: Diagnostic evaluation	Walton Centre, Liverpool	Neuro-oncology
15:15 - 15:30	Mr Jibril Osman Farah	Eloquent Brain Tumours: Surgical planning	Walton Centre, Liverpool	Neuro-oncology
15:30 - 15:45	Mr Andrew Bacon	Spinal Arterio-venous Malformations: Classifications	Royal Hallamshire Hospital, Sheffield	Vascular Neurosurgery
15:45 - 16:00	Mr Andrew Bacon	The Multimodal Management of Spinal Arterio-Venous Malformations	Royal Hallamshire Hospital, Sheffield	Vascular Neurosurgery
16:00 - 16:15	Dr Richard Wellings	Advances in Imaging in Polytrauma Patients	University Hospitals, Coventry	Neuroradiology
16:15 - 16:30	Dr Richard Wellings	Advances in Radiology: 3D Images & 3D Printing	University Hospitals, Coventry	Neuroradiology
16:30 - 16:45	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		

16:45 - 17:00	Mr Thomas Carroll	Vestibular Schwannomas The Multi modal treatment	Royal Hallamshire Hospital, Sheffield	Skull Base Surgery
17:00 - 17:15	Mr Thomas Carroll	Malignant Skull Base tumours: An Update	Royal Hallamshire Hospital, Sheffield	Skull Base Surgery
17:15 - 17:30	Mr Thomas Carroll	Chiari-related Syringomyelia: Clinical, diagnostic evaluation & management	Royal Hallamshire Hospital, Sheffield	Neurosurgery
17:30 - 17:45	Mr Jeremy Rowe	Gamma Knife Radiosurgery: Principles	Royal Hallamshire Hospital, Sheffield	Neuro-oncology
17:45 - 18:00	Mr Jeremy Rowe	Gamma Knife Radiosurgery: Application	Royal Hallamshire Hospital, Sheffield	Neuro-oncology
18:15 –18:30	Mr Jeremy Rowe	Gamma Knife Radiosurgery & Brain tumours	Royal Hallamshire Hospital, Sheffield	Neuro-oncology
18:30 –18:45	Mr Jeremy Rowe	Gamma Knife Radiosurgery & Skull Base Tumours	Royal Hallamshire Hospital, Sheffield	Neuro-oncology
18:45 – 19:00		<b>Evaluation Sheet Collection</b>		

19:00-21:00

# Evening Seminar

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**Wednesday 5<sup>th</sup> October 2016**

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>	<b>Hospital</b>	<b>Division</b>
08:30 - 08:45	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	
08:45 - 09:00	Dr Richard Jackson	Ethics & Brain Death	University Hospitals, Coventry	Neuro-Critical Care
09:00 - 09:15	Dr Khalid Sherlala	Advances in Imaging of Brain Tumours	University Hospitals, Coventry	Neuroradiology
09:15 - 09:30	Dr Khalid Sherlala	Advances in Imaging of Brain Tumours	University Hospitals, Coventry	Neuroradiology
09:30 – 09:45	Professor Garth Cruickshank	Oncogenes and Brain Tumours	University Hospitals, Birmingham	Neuro-oncology
09:45 - 10:00	Professor Garth Cruickshank	An Update on Malignant Brain Tumours	University Hospitals, Birmingham	Neuro-oncology
10:00 - 10:15	Mr Alessandro Paluzzi	Intra- Ventricular Tumours: Management & Surgical Approaches	University Hospitals, Birmingham	Neuro-oncology
10:15 -10:30	Mr Alessandro Paluzzi	Contemporary Strategies for Management of Anterior Skull Base Tumours	University Hospitals, Birmingham	Neuro-oncology
10:30 - 10:45	<b>Tea Break</b>	<b>Sponsors Display Tour -Group Photos</b>	University Hospitals,	
10:45 - 11:00	Mr Mahmoud Kamel	Awake craniotomies & Brain Tumours	Aberdeen Royal Infirmary, Scotland	Neuro-oncology
11:00 - 11:15	Mr Mahmoud Kamel	Anterior Skull Base surgery	Aberdeen Royal Infirmary, Scotland	Neurosurgery

11:15 - 11:30	Dr Louise Price	Principles of Neuropsychology & Neuro-oncology	University Hospitals, Coventry	Neuropsychology
11:30 – 11:45	Mr Gary Walton	Extended Craniofacial Surgery for Brain Tumours	University Hospitals, Coventry	Head & Neck Surgery
11:45 - 12:00	Dr Chris Bassford	Ventilation & Neurosurgery	University Hospitals, Coventry	Neuro-Critical Care
12:00 – 12:15	Mr Paul Leach	Spina Bifida: Pathophysiology & Clinical Presentations	Cardiff, University Hospital of Wales	Paediatric Neurosurgery
12:15 – 12:30	Mr Paul Leach	Spina Bifida: Surgical Management & Challenges	Cardiff, University Hospital of Wales	Paediatric Neurosurgery
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
13:00 - 13:15	Dr Hiten Mehta	Advances in Imaging Degenerative Spine	University Hospitals, Coventry	Neuroradiology
13:15 – 13:30	Dr Hiten Mehta	MRI Spectroscopy & MRI in Brain Tumours	University Hospitals, Coventry	Neuroradiology
13:30 -13:45	Ms Audrey Hopwood	Survival & Malignant Glioma: Update	University Hospitals, Coventry	Neuro-oncology
13:45 – 14:00	Mr Howard Brydon	Ruptured Intracranial Aneurysms: Timing for Management & Selection	University Hospital North Midlands	Vascular Neurosurgery
14:00 - 14:15	Mr Howard Brydon	Fronto-Orbital Approaches: Indications & Principles	University Hospital North Midlands	Neurosurgery
14:15 - 14:30	Mr Stephen Price	Molecular Markers of Brain Tumours	Addenbrooke's Hospital, Cambridge	Neuro-oncology



14:30- 14:45	Mr Stephen Price	Malignant Gliomas: The Multi Modal Management	Addenbrooke's Hospital, Cambridge	Neuro-oncology
14:45 - 15:00	Mr Ahmed Toma	Idiopathic Intracranial Hypertension: Update	National Hospital for Neurology & Neurosurgery, London	Hydrocephalus
15:00 - 15:15	Mr Ahmed Toma	The Multi Modal Treatment of Persistent Post Surgical Cerebrospinal Fluid Leak	National Hospital for Neurology & Neurosurgery, London	Neurosurgery
15:15 – 15:30	Mr John Goodden	Endoscopic surgery & Hydrocephalus	Leeds General Infirmary, Leeds Teaching Hospitals, Leeds	Paediatric Neurosurgery
15:30 – 15:45	Mr John Goodden	Selective Dorsal Rhizotomy, a treatment for spastic cerebral palsy	Leeds General Infirmary, Leeds Teaching Hospitals, Leeds	Functional Neurosurgery
15:45 – 16:00	Mr Kaushik Ghosh	Spinal Tumours: Clinical & Radiological Evaluation	Lancashire Teaching Hospitals, Preston	Spinal surgery
16:00 - 16:15	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
16:15 - 16:30	Mr Kaushik Ghosh	Spinal Tumours: Surgical strategies & challenges	Lancashire Teaching Hospitals, Preston	Spinal Surgery
16:45 – 17:00	Dr Anthony Kenton	Stroke: Clinical & radiological evaluation	University Hospitals, Coventry	Neurology
17:00 - 17:15	Dr Anthony Kenton	Occlusion Syndromes: update on management	University Hospitals, Coventry	Neurology
17:15 - 17:30	Dr John Elton	Anaesthesia & Geriatric Neurosurgery	University Hospitals, Coventry	Neuro-anaesthesia
17:30 - 17:45	Mr Amit Amit	Navigation & Spinal Surgery : Current & Future	University Hospitals, Coventry	Neurosurgery

17:45 - 18:00	Mr Shabin Joshi	Being a Neurosurgeon	University Hospitals, Coventry	Neurosurgery
18:00 - 18:15	Mr Ronan Dardis	Clinical negligence & Neurosurgery	University Hospitals, Coventry	Neurosurgery
18:15 – 18:30	Mr John Fowler	Spondylolysis & Spondylolisthesis: Clinical & Diagnostic Evaluation	Sarum Road Hospital, Winchester	Spine Surgery
18:30 – 18:45	Mr John fowler	Spondylolysis & Spondylolisthesis: Surgical Planning & Challenges	Sarum Road Hospital, Winchester	Spine Surgery
18:45 – 19:00		Evaluation Sheet Collection		

19:00-21:00

## Evening Seminar

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**Mr John Fowler**  
**Consultant Spinal Surgeon**  
**Sarum Road Hospital**  
**Winchester**  
**England**  
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**Thursday 6th October 2016**

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>	<b>Hospital</b>	<b>Division</b>
08:30 – 08:45	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	
08:45 - 09:00	Dr Dhushy Kumar	Pre-hospital Emergency & Head Injuries	University Hospitals, Coventry	Neuro-Critical Care
09:00 - 09:15	Matron Deborah McBride	Safe Neurosurgery: Nursing prospects	University Hospitals, Coventry	Neuroscience
09:15 -09:30	Dr Antony Thomas	Headaches: Clinical evaluation	University Hospitals, Coventry	Neurology
09:30 – 09:45	Dr Antony Thomas	Headaches: Diagnostic evaluation & management	University Hospitals, Coventry	Neurology
09:45 – 10:00	Mr Rikin Trivedi	MISS & Thoraco-lumbar Surgery: Principles	Addenbrooke’s Hospital, Cambridge	Spine Surgery
10:00 - 10:15	Mr Rikin Trivedi	MISS & Thoraco-lumbar Surgery: Principles	Addenbrooke’s Hospital, Cambridge	Spine Surgery
10:15 - 10:30	Dr Bernice Dudkowsky	Organ Donation & Neurosurgery: Ethics	University Hospitals, Coventry	Neuro-Critical Care
10:30 - 10:45	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
10:45- 11:00	Dr Martin Carey	Neuropathology of primary malignant brain tumours	University Hospitals, Birmingham	Neuropathology
11:00 - 11:15	Dr Martin Carey	Neuropathology of Benign brain tumour	University Hospitals, Birmingham	Neuropathology
11:15 - 11:30	Dr Martin Carey	The 2016 WHO Classification of Brain Tumours	University Hospitals, Birmingham	Neuropathology

11:45 - 12:00	Professor Ian Brown	Oncological advances in Malignant Brain Tumours	University Hospitals, Coventry	Neuro oncology
12:00 - 12:15	Mr Nitin Mukerji	Large & Giant Aneurysms: Management & Challenges	South Tees University Hospitals, Middlesbrough,	Vascular Surgery
12:15 – 12:30	Mr Nitin Mukerji	Large & Giant Aneurysms: Management & Challenges	South Tees University Hospitals, Middlesbrough,	Vascular Surgery
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
13:00 -13:15	Mr Naveed Yasin	An update on Cervical Spine Construct Design	Salford Royal Hospital, Manchester	Spine Surgery
13:15 – 13:30	Mr Naveed Yasin	Spondylotic Myelopathy with cervical Kyphotic Deformity	Salford Royal Hospital, Manchester	Spine Surgery
13:30 – 13:45	Dr Pantea Sedaghat	Principles of Neurophysiology &diagnosis of carpal tunnel syndrome	University Hospitals, Coventry	Neuro-physiology
13:45 – 14:00	Dr Jyoti Evans	Principles of Neuro-psychology & Neurosurgical patients	University Hospitals, Coventry	Neuro-Psychology
14:00 - 14:15	Mr Karoly David	The Rheumatoid Spine, Clinical & Diagnostic Evaluation	Barking, Havering University Hospitals, Greater London	Spine surgery
14:15 - 14:43	Mr Karoly David	Surgery of the Rheumatoid Spine	Barking, Havering University Hospitals, Greater London	Spine Surgery
14:45 - 15:00	Dr Santhosh Nagaraju	Neuropathology of Malignant Spinal Tumours	University Hospitals, Birmingham	Neuropathology
15:00 - 15:15	Dr Santhosh Nagaraju	Neuropathology of Benign Spinal Tumours	University Hospitals, Birmingham	Neuropathology
15:15 - 15:30	Dr Santhosh Nagaraju	Neuropathology of unusual spinal lesions	University Hospitals, Birmingham	Neuropathology

15:30 – 15:45	Professor Ian Brown	Low Grade Brain Tumours: Contemporary Strategies.	University Hospitals, Coventry	Neuro oncology
15:45 - 16:00	<b>Tea Break</b>	<b>Second Floor-Sponsors Display Tour</b>		
16:00 - 16:15	Mr Tony Elias	An Update on Spina Bifida: Embryology & Presentation	Princess Royal Hospital, Hayward's Heath, Greater London	Paediatric Neurosurgery
16:15 - 16:30	Mr Tony Elias	Spina Bifida: Management & Challenges	Princess Royal Hospital, Hayward's Heath, Greater London	Paediatric Neurosurgery
16:30 – 16:45	Mr Scott Rutherford	Improving outcome for Neurofibromatosis 2	Salford Royal Hospital, Manchester	Skull Base Surgery
16:45 - 17:00	Mr Scott Rutherford	Advances Strategies in Central Hearing Prosthesis	Salford Royal Hospital, Manchester	Skull Base Surgery
17:00 - 17:15	Mr Ashok Bhat	Failed Back Surgery Syndrome: Clinical & Diagnostic Evaluation	Salford Royal Hospital, Manchester	Neurosurgery
17:15 - 17:30	Mr Ashok Bhat	Failed Back Surgery Syndrome: The Multimodal Management Strategies	Salford Royal Hospital, Manchester	Neurosurgery
17:30 – 17:45	Mr Pietro D'urso	Recurrent Gliomas: Treatment Options	Salford Royal Hospital, Manchester	Neurosurgery
17:45 – 18:00	Mr Pietro D'urso	Recurrent Gliomas: Patient Selection for Surgery	Salford Royal Hospital, Manchester	Neurosurgery
18:00 - 18:15	Dr Roger Townsend	Assessment of the cervical spine in patients with altered conscious level	University Hospitals, Coventry	Neurology
18-15 – 18:30	Mr Alok Ray	Thoraco-lumbar Pedicle Screw Fixation: Tips & Pearls	University Hospitals, Coventry	Neurosurgery
18:30 – 18:45	Mr Alok Ray	Cranio-cervical Abnormalities: Surgical principles and challenges	University Hospitals, Coventry	Neurosurgery
18:45 – 19:00		<b>Evaluation Sheet Collection</b>		

19:00-21:00

# Evening Seminar

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## Friday 7<sup>th</sup> October 2016

Time	Speaker	Topic	Hospital	Division
08:30 - 08:45	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	Neurosurgery
08:45 - 09:00	Mr Suresh Pushpanathan	Health informatics & Neurosurgery	Royal London & St Bartholomew's Hospitals, London	Neurosurgery
09:00 - 09:15	Mr Suresh Pushpanathan	Information Technology & Neurosurgery	Royal London & St Bartholomew's Hospitals, London	Neurosurgery
09:15 – 09:30	Dr Manprit Dhillon	Osteoporotic fractures: Pathophysiology & radiology evaluation	University Hospitals, Coventry	Neuro-radiology
09:30 – 09:45	Dr Manprit Dhillon	Osteoporotic fractures & Vertebroplasty: Techniques	University Hospitals, Coventry	Neuro-radiology
09:45 - 10:00	Dr Mathew Patteril	Cerebral protection & neuro-anaesthesia	University Hospitals, Coventry	Neuro-abaesthesia
10:00 –10:15	Mr Peter Whitfield	Management of post traumatic CSF leak	Plymouth Hospitals NHS Trust, Plymouth, England	Neurosurgery
10:15 – 10:30	Mr Peter Whitfield	Neurosurgery: Outcomes in the Elderly	Plymouth Hospitals NHS Trust, Plymouth, England	Neurosurgery
10:30 - 10:45	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
10:45 - 11:00	Mr Alexander Green	Parkinson' s Disease & Surgery	Radcliffe Infirmary, Oxford	Functional Neurosurgery
11:00 - 11:15	Mr Alexander Green	Deep Brain Stimulation: Present & Future	Radcliffe Infirmary, Oxford	Functional Neurosurgery



11:15 - 11:30	Mr Patrick Statham	Pituitary Adenomas: Pre-operative Evaluation & clinical assessment	Western General Hospitals, Edinburgh, Scotland	Skull Base Surgery
11:30 – 11:45	Mr Patrick Statham	Pituitary Adenomas: Post-Operative Complications and Avoidance	Western General Hospitals, Edinburgh, Scotland	Skull Base surgery
11:45 - 12:00	Mr Iqroop Chopra	Cervical Spondylotic Myelopathy: Clinical and diagnostic evaluation	University Hospitals Cardiff, Wales	Spine Surgery
12:00 -12:-15	Mr Iqroop Chopra	Surgical challenges for Cervical Spondylotic myelopathy	University Hospitals Cardiff, Wales	Spine Surgery
12:15 -12:30	Dr Mathew Wyse	Traumatic Spinal Cord Injury: Clinical evaluation & assessment	University Hospitals, Coventry	Trauma & Emergency
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
13:00 - 13:15	Mr Andrew Brodbelt	Chiari Malformations: Contemporary Strategies for Management	The Walton Center for Neurosurgery, Liverpool, England	Neurosurgery
13:15 -13:30	Mr Andrew Brodbelt	Pathophysiology of Syringomyelia	The Walton Center for Neurosurgery, Liverpool, England	Neurosurgery
13:30 – 13:45	Mr Giles Critchley	Malignant Gliomas: Molecular Genetics	Brighton and Sussex University Hospitals, Sussex, England	Neuro-oncology
13:45 – 14:00	Mr Giles Critchley	Malignant Gliomas: The Multi Modal Management	Brighton and Sussex University Hospitals, Sussex, England	Neuro-oncology
14:00 - 14:15	Mr Dev Bhattacharyya	Pre-Surgical Evaluation for Epilepsy Surgery	Royal Hallamshire Hospital, Sheffield	Epilepsy Surgery
14:15 - 14:30	Mr Dev Bhattacharyya	Epilepsy: Surgical Principles & Challenges	Royal Hallamshire Hospital, Sheffield	Epilepsy Surgery

14:30 – 14:45	Mr Robert Corns	Intracranial Pressure: Physiology & Monitoring	Leeds General Infirmary, Leeds Teaching Hospitals,	Neurosurgery
14:45 - 15:00	Mr Robert Corns	Intracranial Pressure Monitoring & Head Injury	Leeds General Infirmary, Leeds Teaching Hospitals, Leeds	Neurosurgery
15:00 - 15:15	Mr Karoly David	Intra-medullary Spinal Tumours: Surgical planning & Challenges	Barking, Havering University Hospitals, Greater London	Spine surgery
15:15 - 15:30	Mr Chris Uff	Approaches to intracranial aneurysms: How I do it.	Royal London & St Bartholomew's Hospitals, London	Vascular Neurosurgery
15:30 -15:45	Mr Chris Uff	Should we still be clipping intracranial aneurysms?	Royal London & St Bartholomew's Hospitals, London	Vascular Neurosurgery
15:45 - 16:00	<b>Tea Break</b>	<b>Second Floor -Sponsors Display Tour</b>		
16:00 - 16:15	Mr Shaliendra Magdum	Paediatric Brain Tumours: Update	John Radcliffe Hospital, Oxford	Paediatric Neurosurgery
16:15 - 16:30	Mr Shaliendra Magdum	Paediatric Hydrocephalus: Management	John Radcliffe Hospital, Oxford	Paediatric Neurosurgery
16:30 – 16:45	Mr Donald MacArthur	Craniopharyngiomas: Clinical & Diagnostic evaluation	Queen's Medical Center, Nottingham University Hospitals, Nottingham	Neurosurgery
16:45 - 17:00	Mr Donald MacArthur	Craniopharyngiomas : The Multimodal treatment	Queen's Medical Center, Nottingham University Hospitals, Nottingham	Neurosurgery
17:00 -17:15	Mr Mark Wilson	Intracranial Pressure: Principles	Imperial College Charing Cross Hospital, London	Neurosurgery
17:15 - 17:30	Mr Mark Wilson	Traumatic Brain Injuries: Current & Future	Imperial College Charing Cross Hospital, London	Neurosurgery
17:30 - 17:45	Mr Peter Bullock	Pituitary Tumours: Present & Future	King's College Hospital, London	Neurosurgery

17:45 - 18:00	Mr Peter Bullock	Principles of Intracranial Meningioma Surgery	King's College Hospital, London	Neurosurgery
18:00 - 18:15	End of Day	<b>Evaluation Sheet Collection</b>		

**19:30-23:30**

## Gala Dinner



Cordially invites you & your partner to

### THE GALA DINNER

and a relaxing weekend  
with dancing and a live performance by

### The Sheila Waterfield Quartet



at

at **Hilton Hotel Coventry**

on

Friday 7th October 2016

RSVP by 23rd September 2016 to:  
[anita@neurosurgeryupdate.com](mailto:anita@neurosurgeryupdate.com)

**Saturday 8<sup>th</sup> October 2016**

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>	<b>Hospital</b>	<b>Division</b>
08:45 - 09:00	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	
09:00 - 09:15	Dr Mohamed Belhag	Peripheral Neuropathy	University Hospitals, Coventry	Neurology
09:15 - 09:30	Dr Mohamed Belhag	Motor Neurone Disease	University Hospitals, Coventry	Neurology
09:30 – 09:45	Mr Daniel Walsh	Cranial Arteriovenous malformations: The multi-modal Treatment	King’s College Hospital, London	Vascular Neurosurgery
09:45 – 10:00	Mr Daniel Walsh	Surgery for cranial arteriovenous malformations	King’s College Hospital, London	Vascular Neurosurgery
10:00 - 10:15	Mr Christos Toliias	Ruptured Intracranial Aneurysms: The modern management	King’s College Hospital, London	Vascular Neurosurgery
10:15 – 10:30	Mr Christos Toliias	The Un-ruptured Aneurysms & Contemporary Strategies for management	King’s College Hospital, London	Vascular Neurosurgery
10:30 – 10:45	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
10:45 – 11:00	Mr Ravindra Nannapaneni	Spondylolysis & Spondylolisthesis: Clinical & Diagnostic Evaluation	Cardiff University Hospital, Wales	Spine Surgery
11:00 – 11:15	Mr Ravindra Nannapaneni	Spondylolysis & Spondylolisthesis: Surgical Planning & Challenges	Cardiff University Hospital, Wales	Spine Surgery

11:15 - 11:30	Ms Caroline Hayhurst	Navigation & Endoscopic & Skull Base Surgery: Principles & Applications	Cardiff University Hospital, Wales	Skull Base Surgery
11:30 - 11:45	Ms Caroline Hayhurst	Anterior Skull Base Tumours: Approaches & Surgical planning	Cardiff University Hospital, Wales	Skull Base Surgery
11:45 - 12:00	Mr Gregory James	Craniofacial anomalies: Classification & Pathophysiology	Great Ormond Children's Hospital, London	Paediatric Neurosurgery
12:00 - 12:15	Mr Gregory James	Craniofacial anomalies: The multi modal management strategies	Great Ormond Children's Hospital, London	Paediatric Neurosurgery
12:15 - 12:30	Mr Gregory James	Craniofacial anomalies: Surgical challenges	Great Ormond Children's Hospital, London	Paediatric Neurosurgery
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
13:00 - 13:15	Mr John Yianni	Gamma Knife Radiosurgery & Vascular malformations	Royal Hallamshire Hospital, Sheffield	Radiosurgery
13:15 - 13:30	Mr John Yianni	Gamma Knife Radiosurgery & Functional Neurosurgery	Royal Hallamshire Hospital, Sheffield	Radiosurgery
13:30 - 13:45	Mr Carl Hardwidge	Vestibular Schwannomas: The multi-modal treatment	Brighton and Sussex University Hospitals, Sussex, England	Skull Base Surgery
13:45 - 14:00	Mr Carl Hardwidge	Vestibular Schwannomas: surgical challenges	Brighton and Sussex University Hospitals, Sussex, England	Skull Base Surgery
14:00 - 14:15	Mr Umang Patel	Brainstem Cavernomas: Contemporary strategies for management	Radcliffe Infirmary, Oxford University Hospitals, Oxford	Vascular Neurosurgery
14:15 - 14:30	Mr Umang Patel	Giant Intracranial aneurysms: Surgical Planning & Challenges	Radcliffe Infirmary, Oxford University Hospitals, Oxford	Vascular Neurosurgery

14:45 – 15:00	Mr Umang Patel	Cerebral Re-vascularization: Principles & Applications	Radcliffe Infirmary, Oxford University Hospitals, Oxford	Vascular Neurosurgery
15:00 – 15:15	Mr Edward Mckintosh	Neuro-endoscopy: Principles & applications	Royal London & St Bartholomew's Hospitals	Skull Base Surgery
15:15 – 15:30	Mr Edward Mckintosh	Awake Craniotomy & Brain Tumours: An Update	Royal London & St Bartholomew's Hospitals	Neuro-oncology
15:30 – 15:45	Mr Vasileios Arzoglou	Principles of Lumbar Inter body Fusion (PLIT-TLIF-ALIF-XLIF-MIDLF)	Hull Royal Infirmary, Hull	Spine Surgery
15:45 - 16:00	<b>Tea Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
16:00 - 16:15	Mr Vasileios Arzoglou	Cortical Bone Trajectory for Minimal Invasive Lumbar Fusion	Hull Royal Infirmary, Hull	Spine Surgery
16:15 – 16:30	Mr Vasileios Arzoglou	Evidence of Dynamic Fixation - Soft Stabilisation in Spinal Surgery	Hull Royal Infirmary, Hull	Spine Surgery
16:30 – 16:45	Dr Ralf Kockro	Virtual and Augmented Reality Enhanced Neurosurgery: Principles	Hirslanden Clinic , Zurich, Switzerland	Skull Base Surgery
16:45 – 17:00	Dr Ralf Kockro	Virtual and Augmented Reality Enhanced Neurosurgery: Current & Future	Hirslanden Clinic , Zurich, Switzerland	Skull Base Surgery
17:00 – 17:15	Dr Ralf Kockro	Intracranial aneurysms: Risk assessment	Hirslanden Clinic , Zurich, Switzerland	Vascular Neurosurgery
17:15 – 17:30	Professor Olivier Klein	Fetal surgery: Prenatal surgery of myelomeningoceles	Universite de Lorraine, France	Paediatric Neurosurgery
17:30 – 17:45	Professor Olivier Klein	Prenatal Myelomeningoceles: Prenatal diagnosis & Stratification	Universite de Lorraine, France	Paediatric Neurosurgery

17:45 – 18:00	Professor Olivier Klein	Prenatal Myelomeningoceles: Current therapeutic strategies	Universite de Lorraine, France	Paediatric Neurosurgery
18:00 – 18:15	Professor Olivier Klein	Medulloblastomas; Surgical Advances	Universite de Lorraine, France	Paediatric Neurosurgery
18:15 – 18:30	Mr Guirish Solanki	Posterior fossa tumour surgery: complications & avoidance	Birmingham Children's Hospital, Birmingham	Paediatric Neurosurgery
18:30 – 18:45	Mr Guirish Solanki	Cerebellar Mutism: Management	Birmingham Children's Hospital, Birmingham	Paediatric Neurosurgery
18:45 – 19:00	Mr Guirish Solanki	Craniofacial Anomalies: Clinical evaluation	Birmingham Children's Hospital, Birmingham	Paediatric Neurosurgery
19:00 – 19:15	Mr Guirish Solanki	Craniofacial Anomalies: Management	Birmingham Children's Hospital, Birmingham	Paediatric Neurosurgery
19:15 – 19:30	<b>End of Day</b>	<b>Sponsors Display Tour Evaluation Sheet Collection</b>		

19:30-21:30

# Evening Seminar

Sponsored by Stryker



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Hands on  
&  
Products Demonstration





**Sunday 9<sup>th</sup> October 2016**

<b>Time</b>	<b>Speaker</b>	<b>Topic</b>	<b>Hospital</b>	<b>Division</b>
08:45 – 09:00	House Keeping	Introduction to the Speakers of the Day	University Hospitals, Coventry	
09:00 – 09:15	Mr Daniel Walsh	Spinal Arteriovenous malformations: The multi-modal Treatment	King's College Hospital, London	Vascular Neurosurgery
09:15 – 09:30	Mr Daniel Walsh	Spinal Dural Arteriovenous fistulas: Management	King's College Hospital, London	Vascular Neurosurgery
09:30 – 09:45	Mr Thomas Santarius	Biology of Meningioma	Addenbrooke's Hospital, Cambridge	Neuro-oncology
09:45 – 10:00	Mr Thomas Santarius	Surgery for Meningioma: Update	Addenbrooke's Hospital, Cambridge	Neuro-oncology
10:00 – 10:15	Mr Tom Flannery	Navigation & Intraoperative Imaging In Brain Tumour Resection: Principles	Royal Victoria hospital, Belfast, Northern Ireland	Neuro-oncology
10:15 – 10:30	Mr Tom Flannery	Navigation & Intraoperative Imaging In Brain Tumour Resection: Applications	Royal Victoria Hospital, Belfast, Northern Ireland	Neuro-oncology
10:15 – 10:30	<b>Tea Break</b>	<b>Second Floor Clinical Science Building</b>		
10:15 - 10:30	Mr Colin Shieff	Battlefield Neurosurgery	National Hospital for Neurosurgery, London	Head Trauma
10:30 – 10:45	Mr Colin Shieff	Pain & Neurosurgical interventions	National Hospital for Neurosurgery, London	Functional Neurosurgery
10:45 – 11:00	Dr Chen Sheng Low	Nuclear Medicine & Neurosurgery: Principles & applications	Heartlands Hospital NHS Trust, Birmingham	Neuro-radiology

11:00 – 11:15	Mr Narenthiran Ganesalingham	Medical Statistics: Made easy	Royal London & St Bartholomew's Hospitals, London	Medical Statistics
11:15 – 11:30	Mr Narenthiran Ganesalingham	Decompressive Surgery in Head Injuries: Outcome & Ethics	Royal London & St Bartholomew's Hospitals, London	Head Trauma
11:30 - 11:45	Mr John Yeh	Biomechanics of Cervical Disc & concepts of disc arthroplasty	Spire Dunedin Hospital, Reading	Spine Surgery
11:45 – 12:00	Mr John Yeh	Osteoporotic fractures & Cement augmentation: Principles & application	Spire Dunedin Hospital, Reading	Spine Surgery
12:00 - 12:15	Mr Babak Arvin	Cervical Myelopathy	Barking, Havering University Hospitals, Greater London	Spine Surgery
12:15 - 12:30	Mr Babak Arvin	Anterior Vs Posterior Surgery for Cervical myelopathy	Barking, Havering University Hospitals, Greater London	Spine Surgery
12:30 - 13:00	<b>Group Photo Lunch Break</b>	<b>Second Floor- Clinical Science Building Sponsors Display Tour</b>		
13:00 - 13:15	Mr Irfan Malik	Endoscopic Spine Surgery: Principles	King's College Hospital, London	Spine Surgery
13:15 - 13:30	Mr Irfan Malik	Endoscopic Spine Surgery: applications, current & future	King's College Hospital, London	Spine Surgery
13:30 - 13:45	Mr Kristian Aquilina	Spasticity: Pathophysiology & Management	Great Ormond Children's Hospital, London	Paediatric Neurosurgery
13:45 – 14:00	Mr Kristian Aquilina	Intra-Ventricular Haemorrhage & Premature Babies	Great Ormond Children's Hospital, London	Paediatric Neurosurgery
14:00 – 14:15	Mr Ramez Kirolos	Pineal Tumours: clinical & radiological evaluation	Addenbrooke's Hospital, Cambridge	Neurosurgery

14:15 – 14:30	Mr Ramez Kirolos	Surgical Approaches for Pineal Tumours	Addenbrooke's Hospital, Cambridge	Neurosurgery
14:30 – 14:45	Mr Ramez Kirolos	Intra ventricular Brain Tumours: Update	Addenbrooke's Hospital, Cambridge	Neurosurgery
14:45 - 15:00	Mr Ramez Kirolos	Surgical Approaches for Intra-ventricular Tumours	Addenbrooke's Hospital, Cambridge	Neurosurgery
15:00 – 15:15	Mr George Eralil	Molecular Genetics of Brain Gliomas	Cardiff University Hospital, Wales	Neuro-oncology
15:15 – 15:30	Mr George Eralil	New Classification of WHO grading for Gliomas	Cardiff University Hospital, Wales	Neuro-oncology
15:30 – 15:45	Mr Andrew Alalade	Skull Base Surgery: Preoperative evaluation	National Hospital for Neurosurgery, London	Neurosurgery
15:45 – 16:00	Mr Andrew Alalade	Neurosurgery Exam: Preparation & Reflection	National Hospital for Neurosurgery, London	Neurosurgery
16:00 – 16:15	Mr Pedro Castanho	Incidental Unruptured Intracranial aneurysms: Management strategies	Hull Royal Infirmary, Hull	Vascular Neurosurgery
16:15 – 16:30	Mr Pedro Castanho	Incidental arterio-venous malformations: Management strategies	Hull Royal Infirmary, Hull	Vascular Neurosurgery
16:30 – 16:45	Mr Hussien El-Maghraby	Remarks & Highlights	University Hospitals, Coventry	Neurosurgery
16:45 – 17:00	<b>Course Ends</b>	<b>Evaluation Forms</b>		

Venue  
Clinical Science Building  
University Hospital  
Coventry  
CV2 2DX

**[www.neurosurgeryupdate.com](http://www.neurosurgeryupdate.com)**

**Facebook: Neurosurgery Update**

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