

<b>Course: Spinal Trauma Update</b>		
<b>Course Directors: Amjad Shad (UK) and Salman Sharif (PAK)</b>		
<b>Day 1 - 28<sup>th</sup> July 2017</b>		
07:45-08:00	<b>Registration/ Coffee</b>	
08:00 - 08:10	Introduction	Amjad Shad
08:10 - 08:30	Biomechanics and Clinical application	Ed Benzel
08:30 - 08:50	Spinal Fracture Classification	Gregory Trost
08:50 - 09:10	Cervical Trauma- Surgery Timing and Medical Management	Salman Sharif
09:10 - 09:25	Craniocervical Fractures	Amar Saxena
09:25 - 09:40	Craniocervical Approaches & Fixation Techniques	Mehmet Zileli
09:40 - 09:55	Cervical Deformity and Correction techniques	Ed Benzel
09:55 – 10:10	Management of C2 fractures in the Elderly Patients	Michael Steinmetz
10:10 – 10:25	Surgical Exposure of the Cervicothoracic Junction	Sait Naderi
10:25 – 10:40	Case Presentation – Cervical Fracture Dislocation	Mehmet/ Paulo
10:40 – 10:50	<b>Coffee Break</b>	
10:50 - 12:30	Cadaver Lab 1: Cervical Anterior Approaches and Fixation	All
12:30 -13:15	<b>Lunch Break</b>	
	<b>HONORED GUEST SPEAKER'S SESSION</b>	
13:15 - 13:30	Management of Fractures in Ankylosing Spondylitis	Mehmet Zileli
13:30 - 13:45	Minimally Invasive Fusion Techniques	Paulo Pereira
13:45 - 14:00	Sagittal Balance Parameters: Measurement and Significance	Doug Orr
14:00 -14:15	Spinal cord regeneration – Where are we now?	Michael Steinmetz
	<b>Dorsal Spine</b>	
14:15 – 14:30	Management of Thoracolumbar Trauma	Amjad Shad
14:30- 14:45	Management of Unstable Fragility Fractures	Doug Orr
14:45 – 15:00	Pedicle, Facet and Translaminar Screw Techniques	Nikolay Peev
15:00 - 15:15	Dorsal and Dorsolateral Approaches to the Thoracolumbar Spine	Gregory Trost
15:15 – 15:30	Lumbosacral instrumentation	Abdelfattah Saoud
15:30 – 15:45	Case Presentation – Lumbar Fracture Dislocation	Sandeep Vaishya
15:45-17:45	Cadaver Lab 2: Dorsal Cervical Approaches and Fixation Techniques	All
17:45 - 18:30	Case Studies	Doug/ Amjad

**Note:**

- Thursday Pre course faculty dinner at Dr. Amjad Shad's home.
- Friday Course Dinner at Warwick Castle 19:30
- **Nursing/Junior Doctor Session- Practical demonstration of Halo & Cervical Traction 10:50-12:30**

Day 2 - 29 <sup>th</sup> July 2017		
Debate		
08:00 - 08:20	Non operative Management of Thoracolumbar Fractures	Masri
08:20 - 08:40	Surgical Management of Thoracolumbar Fractures & Controversies	Joachim Oertel
08:40-09:00	Discussion	Ed Benzel
MIS		
09:00 - 09:15	Applied Anatomy for MIS Surgery	Gregory Trost
09:15 - 09:30	MIS for Trauma	Nikolay Peev
09:30 - 09:45	Percutaneous Pedicle Screw Fixation	Paulo Pereira
09:45 - 10:00	Post Traumatic Kyphosis in thoracolumbar fractures	Mehmet Zileli
10:00 - 10:15	Management Of Vascular Complications	Chris Imray
10:15 - 10:30	Management of Neurological Complications	Giovanni
10:30 - 10:45	Case Presentation – Thoracic Fracture Dislocation	Gregory Trost
10:45 - 11:00	Case Presentation – Sacral Fracture Dislocation	Abdelfattah Saoud
11:00 - 11:15	<b>Coffee Break</b>	
11:15 - 13:15	Cadaver Lab 3: Minimally Invasive Spine Fixation Techniques	ALL
13:15 - 14:00	<b>Lunch Break</b>	
14:00 - 15:00	<b>HONOURED GUEST SPEAKER'S SESSION</b>	
14:00 - 14:20	Deformity reduction and Osteotomy techniques in spine	Doug Orr
14:20 - 14:40	Intra operative fracture dislocation reduction	Michael Steinmetz
14:40 - 15:00	Ventral Lumbar and Sacral Exposure/ Instrumentation	Sait Naderi
15:00-17:00	Cadaver Lab 4: Osteotomies/ Ventral and Lateral Exposure of the Thoracolumbar Spine	All
17:00 – 18:00	QUIZ	Greg/ Michael

**Note:**

- Faculty Dinner at Cosmos 19:15
- **Nursing/Junior Doctor Session- Practical demonstration of Thoracolumbar Brace Application 11:45-13:45**
  - **Types of Thoracolumbar braces – How to choose the right brace for your patients**
  - **Management of Patients with Thoracolumbar Brace**
  - **Complications**

# 2ND COVENTRY 2017 SPINE MASTERS

28th - 30th July 2017

Preparation of Spinal Exam  
For Neurosurgical Registrar Trainees

## Day 3

7.45 - 8.00	COFFEE	
8.00 - 8.10	Introduction	Amjad Shad
8.10 - 8.25	Emergency evaluation of Trauma Patient	Joachim Oertel
8.25 - 8.40	Professionalism, Supervision and pearls	Salman Sharif
8.40 - 8.55	Neuro trauma assessment	Michael Steinmetz
8.55 - 9.10	Emergency clinical assessment of spine	Douglas Orr
9.10 - 9.25	Traction, Tongs, Collars, Halo, Immobilisation	Sandeep
9.25- 9.40	Emergency spinal radiological assessment	Gregory Trost
9.40 - 9.55	Sequelae of Spinal Injury	Michael Steinmetz
9.55 - 10.10	Patient safety and clinical communications	Gregory Trost
10.10 - 10.25	Classification of spinal fractures	Paulo Pereira
10.25 - 10.35	COFFEE	
10.35 - 10.50	Medico Legal issues in spinal surgery	Mr Ronan Dardis
10.50- 11.05	Unstable Spinal patients/ Case scenarios	Nikolay Peev/Sandeep
	<b>Practical Hands (For residents)</b>	
11.05 – 11.55	Bed side spinal procedures and equipment stations	Mr Radhu Beltechi, Giovanni & All Faculty
11.55 – 12.05	Presentation Techniques	Mehmet Zileli
12.05 – 12.15	The Reason of Paper Rejection in Academic Journals	Sait Naderi
12.15 – 12.45	LUNCH BREAK	
12.45 – 13.00	Options in neurosurgery	Amjad Shad

13.00 - 13.15	What's new in neurosurgery	Michael Steinmetz
13.15 - 13.30	Why Neurosurgery?	Joachim Oertel
<b>Training the Trainers</b>		
13.30 - 13.45	Training trainees: Why is it important	Mehmet Zileli
13.45 - 14.00	How to be a good scientist and a good teacher	Ed Benzel
14.00 - 14.15	How to talk effectively	Gregory Trost
14.15 - 14.30	How to use audio visual tools	Giovani
14.30 - 14.45	Ethics and Empathy	Sandeep
14.45 - 15.00	Principles to measure and evaluate learning level	Nikolay Peev
15.00 - 15.15	How to Research	Abdelfattah Saoud
15.15 - 15.30	Statistics for Dummies	Amjad Shad
15.30 - 15.50	Jeopardy Quiz	ALL FACULTY
15.50 - 16:05	Certificate Distribution	ALL FACULTY