



## Module 4

# ARABSPINE COURSE DIPLOMA

20<sup>TH</sup> - 22<sup>ND</sup> APRIL 2016, DUBAI, UAE

## Deformity / Complications / Malformations

Preliminary Program Day-1 ~ Module-4

Chairman – Prof. M. Wafa /

DEFORMITY		
8.00-8.30 am	<b>Understanding Spinal Deformity</b> Idiopathic & Scoliosis Secondary Scoliosis Sagittal Deformity	
8.30-8.50 am	Adult Degenerative Scoliosis	
8.50-9.10 am	Biomechanics of the Deformed Spine	
9.10-9.30 am	Congenital Malformations Associated to Spinal Deformities	Pr. Assaker/ Pr. Baaj/ Pr. Omeis?
9.30-9.45 am	Clinical Assessment in Deformity Patient	Prof. M. Wafa/Egypt
9.45-10.05 am	Imaging Interpretation in Spinal Deformities	Prof. A. Zerbi/Italy
<b>10.05-10.15 am</b>	<b>Discussion</b>	
<b>10.15-10.35 am</b>	<b>Coffee Break</b>	
10.35-10.55 am	Role of Cost & Rehabilitation	
	Pre-Op Assessment	
	Positioning/ Blood Saving	
	Strategy for Deformity Correction	
	IOM	Dr. L. Abukwedat/UAE
	Navigation and Deformity Surgery	Prof. R. Assaker/France
	<b>Discussion</b>	
	<b>Luncheon Workshop</b>	
SURGICAL TECHNIQUE		
30 mins	Posterior Approach: Principles and Technique Note Thoraco-Lumbar	Pr. H. Halm / Germany
20 mins	Hybrid Fixation (hooks, screws, wires)	
30 mins	Anterior Approach: Principles and Technical Notes	
20 mins	Anterior vs. Posterior	
	<b>Discussion</b>	
	<b>Coffee Break</b>	

20 mins	Managing Complex Cases	
30 mins	Sacro-Iliac Fixation Principle and Technical Options	
30 mins	Roles and Options of Osteotomies in Deformity Correction	

## Preliminary Program Day-2 ~ Module-4

### DAY-2

COMPLICATIONS		
	Position Related Complications	
	Blood Loss Management	
	Thombo-embolic Avoidance	
	Approach Related Complications: Anterior Cervical Posterior Cervical	
	OPLL Complications Thoracic & Lumbar: Anterior Approach Thoracic & Lumbar: Posterior Approach	
	XLIF / DLIF and Lateral Techniques	
	<b>Discussion</b>	
	<b>Coffee Break</b>	
	MIS Complications	
	CSF Leak: Management	
	Iatrogenic Nerve and Spinal Cord Injury Management Options	
	Avoidance of Instrumentation Failure	
	Adjacent Segment Disease	
	FBSS Management	
	Complications in Deformity Surgery	
	Sagittal Imbalance: Principles in Revision	
	<b>Discussion</b>	
	<b>Luncheon Workshop</b>	
	Principles in Revision in Scoliosis	
	Revision in LTDR	
	Revision CTDR	
	Other Non-Fusion Techniques Revision	
	Revision for Pseudoarthrosis	