

# **SPINE PROGRAM**

**Thursday, July 2nd, 2009**

<b>Thursday, July 2nd, 2009</b>		
<b>7:30-8:00AM</b>	<b>BREAKFAST &amp; REGISTRATION</b>	
8:00 -8:15AM	Course Welcome & Overview	<i>Chaftari &amp; Tannoury</i>
<b>SESSION I: EARLY INTERVENTION</b>	<b>MODERATORS: TANNOURY &amp; YUAN</b>	
8:15–8:35AM	Pain generators: What Does Really Hurt and how? Pain gateway theory	<i>Richard Rauck</i>
8:35-8:50AM	Debate I: Case Presentation Soft Disc Herniation	<i>Alex Vaccaro</i>
8:50-8:55AM	Closing Argument: Discectomy Still is the Standard of Care.	<i>Imad Ahmad</i>
8:55-9:00AM	Closing Argument: ESI: is Still the Best Option	<i>D. Baheti</i>
9:00:9:05AM	Closing Argument: Conservative – Rehab	<i>Akyuz, Gulseren</i>
9:05-9:10AM	Closing Argument: Anti TNF-a is the Future EI	<i>Jim Gorman</i>
9:10-9:25AM	Debate II: Case Presentation Hard Disc Disease – Vaccaro	<i>Alex Vaccaro</i>
9:25:9:30AM	Closing Argument: IDET?	<i>Hamam Akbik</i>
9:30:9:35AM	Closing Argument: Fusion is the answer	<i>Nasser Ani</i>
9:35-9:40AM	Closing Argument: Disc Replacement	<i>Kenneth Pettine</i>
9:40-9:45AM	Keep it simple: Facet fusion	<i>Ahmed Elborna</i>
9:45-10:05AM	Closing Remarks: Strategy in Managing Disc Herniation	<i>Alex Vaccaro</i>
10:05-10:15AM	<b>Q&amp;A</b>	
<b>10:15-10:45AM</b>	<b>COFFEE BREAK &amp; EXHIBIT VISITS</b>	

<b>SESSION II: Failed Back Surgery Syndrome</b>	<b>MODERATORS: NOHRA &amp; YAZER</b>	
10:45-10:55AM	Definition, Etiology and Workup	<i>Dan Plev</i>
10:55-11:05AM	Pseudoarthrosis: Evaluation, Etiology, Significance and Management	<i>Munish Gupta</i>
11:05-11:15 AM	CT and MRI Artifacts	<i>Antoine Hadadd</i>
11:15-11:25AM	Revision Surgery: Indications and Techniques	<i>Khaled Kebaish</i>
11:25-11:35AM	Pain Management Options: Pain Pump, Spinal cord Stimulation, Radiofrequency Ablation	<i>Richard Rauck</i>
11:35-11:45 AM	Q&A	
11:45-12:15PM	<b>SPONDYLOLISTHESIS :EVIDENCE BASED MEDICINE</b>	<b>Harry Shufflebarger</b>
12:15-12:40PM	<b>LUNCH BREAK AND EXHIBIT VISITS</b>	
<b>LUNCH DISCUSSION</b> 12:40-1:20PM	Spondylolisthesis open questions: 1-Surgical Indications and Techniques: Degen & Isthmic 2-To Reduce or Not to Reduce 3-Anterior vs. Posterior Fusion 4-Open vs. MIS	<i>Alex Vaccaro Anis Mekhail Munish Gupta Khalil Kharrat Mohammad Jamous</i>
<b>SESSION III: Aging Spine</b>	<b>MODERATORS: KEBASH &amp; ZILELI</b>	
1:20-1:50PM	AGING SPINE: OSTEOPOROTIC FRACTURES	
1:20-1:30PM	Aging Spine Biomechanics	<i>Hassan Serhan</i>
1:30-1:40PM	Vertebral Compression Fractures: Kyphoplasty	<i>Daniel Chedid</i>
1:40-1:50PM	Vertebral Compression Fractures: Vertebroplasty	<i>Gamal Baroud</i>
	<b>AGING SPINE: DEGENERATIVE SCOLIOSIS</b>	
1:50-2:05PM	Debate I: Case Presentation Degenerative Scoliosis	<i>Tony Tannoury</i>
2:05-2:10PM	Closing argument: De Novo Degenerative Scoliosis: Pain Management Options	<i>A K Mehio</i>
2:10-2:15PM	Closing Argument: Focal Decompressions: Indications and Techniques?	<i>Munish Gupta</i>

2:15-2:20PM	Closing Argument: Addressing the local pathology	<i>Youssry El Hawary</i>
2:20-2:25PM	Closing Argument: Addressing the entire curve	<i>Khaled Kebaish</i>
2:25-2:40PM	Closing Remarks and Q & A	<i>Tony Tannoury</i>
2:40-3:00PM	<b>BREAK AND EXHIBIT VISITS</b>	
<b>PARALLEL SESSIONS – SPINE SURGERY</b>		
<b>SESSION VI SPINE: LUMBAR MOTION PRESERVATION</b>	<b>MODERATOR: YUAN &amp; MAZIAD</b>	
3:00-3:10PM	Updates: Prospective randomized study of three lumbar artificial disc replacements with minimum 2 years follow-up.	<i>Ken Pettine</i>
3:10-3:20PM	Interspinous devices	<i>Dan Plev</i>
3:20-3:30PM	Facet Replacement	<i>Hansen Yuan</i>
3:30-3:40PM	Q&A	
<b>SESSION V – OPEN PAPERS</b>	<b>MODERATOR: SERHAN &amp; PETTINE</b>	
3:40-3:46PM	Cervical Disc Replacement Versus Fusion Early Clinical and Radiological Assessment	<i>M. Maziad, A. Morsy, M Khattab M. Gebely, A. Maziad</i>
3:46-3:52PM	Clinical outcome and motion preservation 19 months after total cervical disc replacement	<i>Aymen Ramadan</i>
3:52-3:58PM	Treatment of cervical Degenerative diseases by cervical cages	<i>Imad Ahmad</i>
3:58-4:04PM	The dilemma of Anterior Cervical Decompression & Fusion ACDF: Plate-Cage versus Cage	<i>Mohamed Ghassan</i>
4:04-4:10PM	Q & A	
4:10-4:16PM	Unilateral approach for spinal tumors and lesions	<i>Jalal Najjar</i>
4:16-4:22PM	Malpractice in management spinal trauma	<i>Omran Janbek</i>

4:22-4:28PM	New expandable interbody corpectomy system ( cage and plate) for fixation and fusion of vertebral body	<b>Ahmed Yahia,</b> <i>Elhuseny Rizk</i>
4:28-4:46PM ( 3 papers)	Advances in Surgical management of thoracolumbar fracture	<b>A. Nachanakian,</b> <i>M. Alaywan, I. Nehmeh</i>
4:46-4:52 PM	Transplantation of Purified Autologous Adult Stem Cells in Patients with Complete Spinal Cord Injuries	<i>Adeeb Al-Zoubi</i> <b>Mohammed Jamous,</b> <i>Ziad Al-Zoubi</i>
4:46-4:52PM	Personal experience, Spinal vertebrectomy	<b>Salah Al Bishawi</b>
4:52-5:00PM	Q & A	
5:00 PM	<b>ADJOURN</b>	

**FRIDAY, JULY 3<sup>rd</sup> 2009**

***PARALLEL SESSIONS –SPINE SURGERY***

<b>7:30- 8:00 AM</b>	<b>BREAKFAST &amp; REGISTRATION</b>	
<b>SESSION I DEFORMITY I</b>	<b>MODERATORS: KHARRAT &amp; TANNOURY</b>	
<b>8:00-8:20 AM</b>	<b>KEYNOTE ADDRESS: IDIOPATHIC SCOLIOSIS UPDATE</b>	<b><i>Harry Shufflebarger</i></b>
<b>8:20-8:30AM</b>	<b>MR Medullary Angio for Adamkewikz Artery</b>	<b><i>Antoine Haddad</i></b>
<b>8:30-8:50AM</b>	<b>Fusion level and direct vertebral derotation</b>	<b><i>Se Il Suk</i></b>
<b>8:50-9:00AM</b>	<b>Q &amp; A</b>	
<b>9:00-9:10AM</b>	<b>Surgical technique, the French experience</b>	<b><i>Tony Hayek</i></b>
<b>9:10-9:20AM</b>	<b>Surgical Management of Difficult Rigid Scoliosis</b>	<b><i>Ziad EL-Zoubi</i></b>
<b>9:20-9:30AM</b>	<b>Growing Systems for Management of Scoliosis in Infantile Patients</b>	<b><i>Richard McCarthy</i></b>
<b>9:30-9:40</b>	<b>MIS options for scoliosis</b>	<b><i>Shufflbarger</i></b>
<b>9:40-9:50AM</b>	<b>Q &amp; A</b>	
<b>9:50-10:15AM</b>	<b>BREAK &amp; EXHIBITS VISITS</b>	
<b>SESSION II DEFORMITY II</b>	<b>MODERATORS: AL ZAEM &amp; MCCARTHY</b>	
<b>10:15-10:40AM</b>	<b>KEY NOTE ADDRESS: THORACIC PEDICLE SCREWS</b>	<b><i>Se-Il Suk</i></b>
<b>10:40-10:50AM</b>	<b>Congenital Scoliosis, Management Options</b>	<b><i>Youssry El Hawary</i></b>
<b>10:50-11:00AM</b>	<b>Management of Congenital Kypho-Scoliosis</b>	<b><i>Adel Hasan</i></b>

11:00-11:10AM	The management of scoliosis in myelomeningocele	<i>Ismat Ghanem</i>
11:10-11:20AM	Q & A	
11:20-11:30AM	Tethered cord and diastomatomyelia from the neurosurgical point of view	<i>Ahmad Moukhles</i>
11:30-11:50AM	<b>KEY NOTE ADDRESS: BOTOX USE FOR SPASTIC DEFORMITY</b>	<i>Nickolas Christodoulou</i>
11:50-12:00AM	Posterior Vertebral resection for severe curves	<i>Se Il Suk</i>
12:00-12:10PM	Sacral and Pelvic Fixation: When and How?	<i>Khalid Kebaish</i>
12:00-12:05AM	Q & A	
12:05-12:40	<b>LUNCH BREAK &amp; EXHIBITS VISITS</b>	
12:40-1:30PM	<b>MODERATORS: KHARRAT &amp; SHAFFULBARGER</b> <b>EXPERT PANEL CASE DISCUSSION: Adolescents Idiopathic Scoliosis</b> <b>FOCUS: CLASSIFICATION, LEVELS OF FUSION, ANTERIOR VS POSTERIOR APPROACHES</b>	<i>Hasan Se Il Suk El Zoubi McCarthy Alzaim</i>
1:30-1:40PM	Personal Experience: Iraqi War Victims	<i>Thamer Hamdan</i>
1:40-1:50PM	Q & A	
1:50-2:05PM	<b>SCOLIOSIS RESEARCH SOCIETY PRESIDENTIAL ADDRESS</b>	<i>Richard McCarthy</i>
<b>SESSION II ADULT DEFORMITIES</b>	<b>MODERATORS: GHANEM &amp; JAMOUS</b>	
2:05- 2:15PM	Are Adults Just Older Kids: Differences Between Pediatric and Adult Deformities	<i>Khaled Kebaish</i>
2:15-2:25PM	MIS Options for Adult Deformities	<i>Tony Tannoury</i>
2:25-2:35PM	Complications avoidance in adult deformity	<i>Khalil Kharrat</i>
2:35-2:50PM	Q&A	
2:50-3:20PM	<b>BREAK &amp; EXHIBITS VISITS</b>	

3:20-4:00PM	<b>MODERATORS: MCCARTHY, ZOUBI</b> <b>Complications discussion: Steel ball discussions; how do we learn from our failures</b>	<b>Se Il Suk, El Hawary Gupta Shufflbarger Mountasser</b>
<b>SESSION III Open Papers</b>	<b>MODERATORS: SERHAN &amp; GUPTA</b>	
4:00-4:06PM	<b>Correlation between curve correction, chest cage dimensions and pulmonary functions after surgical correction of adolescent scoliosis</b>	Abla Mohamed Hamed, <b>Youssry El Hawary</b>
4:06-4:12PM	<b>Lower doses of rh BMP-2 appear sufficient in achieving fusion in spinal deformity</b>	Gaurav Abbi, Jaspaul Gogia, David Wright- Eric O. Klineberg, Rolando F. Roberto, <b>Munish Gupta*</b>
4:12-4:18PM	<b>Is it safe to use Rh-BMP2 in pediatric spinal surgery?</b>	Jaspaul Gogia, David Wright, Gaurav Abbi, <b>Munish Gupta</b>
4:18-4:24PM	<b>ALIF versus PLF in treatment of spondylolisthesis</b>	<b>Emad ElMehy</b>
4:24-4:30PM	<b>Interbody fusion use after discectomy in the thoracic spine.</b>	Slynko Eugeny, <b>Zolotoverkh Alexandr*</b>
4:30-4:36PM	<b>Q&amp;A</b>	
4:36-4:42PM	<b>Luque technique for scoliosis management</b>	<b>Youssef Daher,</b> Nassif Farah, Nabil Sonji, Maher Baroudi
4:42-4:48PM	<b>Thoracic Canal Stenosis Secondary Calcification of ligament Flavum</b>	<b>R.S. Mittal</b>
4:48-4:54PM	<b>Mini Invasive Technique for Treatment of Pathological Vertebral Fractures</b>	<b>Mohamed Maziad,</b> Nabel Ghali, Sozan Gawaby, Ali Maziad
4:54-5:00PM	<b>The FED Method for the Treatment of Scoliosis in Adolescents and Adults</b>	<b>Liliane Akiki</b>
5:00-5:10PM	<b>Q &amp; A</b>	

**5:10 PM**

**ADJOURN**

**GALA DINNER**

## SATURDAY, JULY 4th, 2008

<b>7:30-8:00AM</b>	<b>BREAKFAST &amp; REGISTRATION</b>	
<b>SESSION I TRAUMA</b>	<b>MODERATORS: VACCARO &amp; NAJJAR</b>	
8:00-9:00AM	<b>Case Discussion: Controversies in Management of Facet Fractures &amp; Dislocations, MRI before or after reduction, CT angio or MRA, anterior vs. posterior vs. A/P fusions</b>	<i>Mehmet Zileli Ghassan Skaff Patrick Hitchon Dan Plev</i>
9:00-9:10AM	Q&A	
9:10-9:20 AM	Cervical Whiplash Syndrome	<i>Alex Vaccaro</i>
9:20-9:30AM	Subtle But Serious Injuries	<i>Dan Shedid</i>
9:30-9:50AM	<b>KEY NOTE ADDRESS: MAKING SENSE OF CERVICAL TRAUMA</b>	<i>Alex Vaccaro</i>
9:50-10:00AM	Q&A	
10:00-10:20AM	<b>PAN ARAB SPINE SOCIETY UPDATE</b>	<i>Youssry Elhawary</i>
10:20-10:50AM	<b>BREAK &amp; EXHIBITS VISITS</b>	
10:50-11:10AM	<b>KEYNOTE ADDRESS: THE FUTURE OF MOTION PRESERVATION</b>	<i>Hansen Yuan</i>
11:10-11:20AM	Q&A	
<b>SESSION II MOTION PRESERVATION</b>	<b>MODERATORS: SERHAN &amp; YUAN</b>	
11:20-11:30AM	Cervical TDR indications & Contra-Indications	<i>Imad Ahmad</i>
11:30-11:40AM	Clinical Experience with Cervical TRD	<i>Kenn Pettine</i>
11:40-11:50AM	Revision Strategy for Cervical Disc Replacement	<i>Mehmet Zileli</i>
11:50-12:20AM	<b>BREAK AND EXHIBIT VISITS</b>	

## **COMBINED PROGRAM ALL SPECIALTIES**

<b>12:10-1:20</b>	<b>Moderator: Tannoury &amp; Vaccaro</b> <b>WORKING LUNCH</b> <b>DEGENERATIVE CERVICAL SPINE</b> <b>CASE DISCUSSION</b>	<i>Dan Shedid</i> <i>Ghassan Skaff</i> <i>Imad Ahmad</i> <i>Amr</i> <i>Mountasser</i>
<b>SESSION II : Cervical DDD</b>	<b>Moderator: Yuan &amp; Hitchon</b>	
<b>1:20-1:30PM</b>	<b>Upper Neck and Occipital Pain</b>	<i>Salam Koussa</i>
<b>1:30-1:40PM</b>	<b>Multiple level cervical disease: management algorithm</b>	<i>Alex Vaccaro</i>
<b>1:40-1:50PM</b>	<b>Interventional options before surgery</b>	<i>Salim Hayek</i>
<b>1:50-2:00PM</b>	<b>Adjacent Disc Disease after ACDF or Foraminotomy</b>	<i>Dan Shedid</i>
<b>2:10-2:20PM</b>	<b>Q &amp; A</b>	
<b>2:20-2:40PM</b>	<b>BREAK AND EXHIBIT VISITS</b>	
<b>2:40-3:40PM</b>	<b>Moderator: Alex Vaccaro &amp; Tony Tannoury</b> <b>CASE DISCUSSION: Thoracolumbar fractures</b> 1-Anterior vs. Posterior 2-injuries not to miss 3-Is Fusion Necessary for Unstable Burst Fracture 4-MIS Vs OPEN fusions 5-Dynamic MRI Does it change Rx???: 6 minute PPP	<i>Patrick Hitchon</i> <i>Tarek Yazar</i> <i>Thamir Hamdan</i> <i>Maen ALZaim</i> <i>Ziad El Zoubi</i>
<b>3:40-4:00PM</b>	<b>TANNOURY AND CHAFTARI</b> <b>CLOSING REMARKS &amp; MEETING</b> <b>ADJOURN</b>	