The 1st Beirut Annual Spine Symposium
The Cervical Spine: Tumor, Trauma, Degenerative

In Collaboration with the North American Spine Society (NASS) and the Lebanese Society of Neurological Surgeons (LSNS)
&
In Joint Providership with Cleveland Clinic

Venue: American University of Beirut, Hisham Jaroudi Auditorium
Date: 4 March, 2017
GENERAL INFORMATION

Program Overview

Care of the patient with cervical spine pathology requires familiarity with ever evolving modern diagnostic and therapeutic strategies for patients suffering from spinal disorders that may not be reported clearly or concisely in the literature. Current research shows an increasing interest in cervical degeneration disease, trauma and tumor as well as techniques to manage and treat these conditions. However, many surgeons who evaluate and treat cervical spine disorders are not exposed to the latest modalities. The Beirut Annual Spine Symposium will allow course participants to address these topics through didactic lectures, panel discussions, case presentations, and Q&A sessions.

Learning Objectives

By the end of the symposium, participants will be able to:

1. Describe evidence-based parameters for management of tumors (primary and metastatic) of the cervical spine
2. Determine how to avoid the complications of cervical spine surgery
3. Efficiently manage patients with cervical spine trauma
4. Evaluate and treat spinal pain arising from cervical spine degeneration in a cost effective and reliable manner based on evidence-base medicine.
5. Identify when to appropriately refer patients to complex spine specialists

Target Audience

This activity is designed for neurosurgeons, orthopaedics, radiologists and family medicine doctors, in addition to nurses, nurse practitioners, physiatrists, chiropractors and pain specialist therapist.

Venue

Hisham Jaroudi Auditorium, American University of Beirut, Beirut, Lebanon

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Cleveland Clinic Foundation Center for Continuing Education and the American University of Beirut Medical Center. The Cleveland Clinic Foundation Center for Continuing Education is accredited by the ACCME to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 7 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.
Faculty Disclosure Statement
The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Lebanese Order of Physicians Statement
The 1st Beirut Annual Spine Symposium also complies with the Lebanese Order of Physicians Continuing Medical Education guidelines.

Registration
This activity is free of charge.

Activity Directors
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Professor
Orthopedic & Spinal Surgery
Faculty of Medicine
American University of Beirut
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Organizing Committee
Abdel Majid Sheikh Taha, MD
Hani Mhaidli, MD, PhD
John Abdel Nour, MD
### Faculty Listing

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Department</th>
<th>Institution</th>
<th>Location</th>
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<tbody>
<tr>
<td>Abdel Majid Sheikh Taha, MD</td>
<td>Instructor</td>
<td>Orthopedic &amp; Spinal Surgery</td>
<td>Faculty of Medicine</td>
<td>American University of Beirut</td>
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<td>Christine El Yahchouchi, MD</td>
<td>Instructor</td>
<td>Anesthesiology</td>
<td>Faculty of Medicine</td>
<td>American University of Beirut</td>
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<td>Ghassan Kanazi, MD</td>
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<tr>
<td>Hani Mhaidli, MD, PhD</td>
<td>Past President of the Spanish Spine Society</td>
<td>Board member of SRS (scoliosis research society)</td>
<td>President-elect of SILACO (Sociedad Ibero-latinoamericana de Columna vertebral)</td>
<td>Chiar of SRS NGO site mission in morocco</td>
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<td></td>
<td>Head of Spine Service University Hospital Las Palmas de Gran Canaria</td>
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<td>Las Palmas, Spain</td>
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<tr>
<td>Ibrahim Omeis, MD</td>
<td>Visiting Assistant Professor</td>
<td>Neurosurgery &amp; Spinal Surgery</td>
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<td>John Abdel Nour, MD</td>
<td>Clinical Associate</td>
<td>Orthopedic &amp; Spinal Surgery</td>
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<td>John Finkenberg, MD</td>
<td>Orthopedic Surgery</td>
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<td>Alvarado Hospital Medical Center</td>
<td>California, USA</td>
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<td>Joseph Maarawi, MD, PhD</td>
<td>Professor</td>
<td>Neurosurgery &amp; Spinal Surgery</td>
<td>Faculty of Medicine</td>
<td>Saint Joseph University</td>
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<td>Joseph Salame, MD</td>
<td>Instructor</td>
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<td>Marwan Rizk, MD</td>
<td>Assistant Professor</td>
<td>Anesthesiology</td>
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<td>Mohammad Badra, MD</td>
<td>Orthopedic &amp; Spinal Surgery</td>
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<td>Clemenceau Medical Center</td>
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<td>Nabil Khoury, MD</td>
<td>Professor</td>
<td>Diagnostic Radiology</td>
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<td>Nabil Okais, MD</td>
<td>Professor</td>
<td>Neurosurgery</td>
<td>Saint Joseph University</td>
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<td>Patrick Hsieh, MD</td>
<td>Associate Professor</td>
<td>Neurological Surgery</td>
<td>University of Southern California</td>
<td>Los Angeles, USA</td>
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<td>Rachid Haidar, MD</td>
<td>Professor</td>
<td>Orthopedic &amp; Spinal Surgery</td>
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<td>Youssef Zeidan, MD</td>
<td>Assistant Professor</td>
<td>Radiation Oncology</td>
<td>Faculty of Medicine</td>
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## Program

### Saturday March 04, 2017

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00-08:45</td>
<td>Coffee and Registration</td>
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<tr>
<td>08:45-09:00</td>
<td>Welcome Note</td>
<td>Drs. Ghassan Skaf, Ibrahim Omeis &amp; Rachid Haidar</td>
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<tr>
<td>09:00-09:10</td>
<td><strong>Session 1</strong> Tumor I</td>
<td><em>Moderators: Dr. Ibrahim Omeis and Dr. Rachid Haidar</em></td>
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<tr>
<td>09:00-09:10</td>
<td>Imaging Value in Spine Tumors</td>
<td>Dr. Nabil Khoury</td>
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<td>09:10-09:20</td>
<td>Evidence Base Medicine in Management of Spine Metastasis</td>
<td>Dr. Abdel Majid Sheikh Taha</td>
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<td>09:20-09:30</td>
<td>Prognostic Factors, Surgical Outcomes, and Guidelines for Managing Metastatic Spine Cancer</td>
<td>Dr. Rachid Haidar</td>
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<td>09:30-09:40</td>
<td>Decision Making in Metastatic Tumors</td>
<td>Dr. Ibrahim Omeis</td>
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<td>09:40-09:50</td>
<td>Update on Ablative Stereotactic Radiotherapy for Spinal Metastasis</td>
<td>Dr. Youssef Zeidan</td>
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<td>09:50-10:00</td>
<td>Q&amp;A</td>
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### Session 2 Tumor II
*Moderators: Dr. Ibrahim Omeis and Dr. Rachid Haidar*

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<tr>
<td>10:00-10:10</td>
<td>General Overview of the Surgical Options in Primary Spine Tumors</td>
<td>Dr. John Abdel Nour</td>
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<td>10:10-10:20</td>
<td>Primary Cervical Spine Tumors – Is EN BLOC Resection Worth it?</td>
<td>Dr. Patrick Hsieh</td>
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</table>
10:20-10:30 Extramedullary Tumors
Dr. Ibrahim Omeis

10:30-10:40 Extramedullary Tumors – Surgical Nuances and Avoidance of Complications
Dr. Joseph Maarrawi

10:40-10:50 Spinal AV-fistulas Evaluation and Management
Dr. Joseph Salame

10:50-11:00 Avoidance of Complications in Cervical Spine Tumor Surgery
Dr. Hani Mhaidli

11:00-11:10 Q&A

11:10-11:30 COFFEE BREAK

**Session 3**  
**Trauma I**
*Moderators: Dr. Ghassan Skaf and Dr. John Abdel Noor*

11:30-11:40 Update in Spine Trauma: Screening the Patient with Neck Pain
Dr. John Finkenberg

11:40-11:50 Upper Cervical Spine Trauma: Classifications and Types
Dr. Mohammad Badra

11:50-12:00 Craniocervical Stabilization: When and How
Dr. John Abdel Nour

12:00-12:10 Management of Type 2 Dens Fracture: Odontoid vs C1-2 Fusion
Dr. Ghassan Skaf

12:10-12:20 Q&A

**Session 4**  
**Trauma II**
*Moderators: Dr. Ghassan Skaf and Dr. John Abdel Noor*

12:20-12:30 The Evolution of C1-C2 Fusions: Current Best Practice Techniques
Dr. Patrick Hsieh

12:30-12:40 Treatment Approach to Subaxial Spine Trauma: Classification and Decision Making
Dr. Rachid Haidar
12:40-12:50  Operative Treatment of Fracture-Dislocation of Subaxial Cervical Spine  
Dr. Hani Mhaidli

12:50-13:00  Management of Cervico-Thoracic Junction Injuries  
Dr. Ibrahim Omeis

13:00-13:10  Central Cord Syndrome: Guidelines to Management  
Dr. Abdel Majid Sheikh Taha

13:10-13:20  Q&A

13:20-14:20  LUNCH

Session 5  Degenerative I  
Moderators: Dr. Ibrahim Omeis and Dr. Abdel Majid Sheikh Taha

14:20-14:30  Cervical Degenerative Disease: Clinical Burden, Non-operative Management  
Dr. Marwan Rizk

14:30-14:40  Referred Pain from Facet Joint Disease: Evaluation and Management  
Dr. Christine El Yahchouchi

14:40-14:50  Cervicogenic Pain, Etiology, Diagnosis and Treatment  
Dr. Ghassan Kanazi

14:50-15:00  Cervical Radiculopathy: Indication for Surgical Treatment  
Dr. John Finkenberg

15:00-15:10  Cervical Myelopathy: Treatment and Challenges  
Dr. Ghassan Skaf

Dr. Rachid Haidar

15:20-15:30  Q&A
Session 6  Degenerative II
Moderators: Dr. Hani Mhaidli and Dr. Abdel Majid Sheikh Taha

15:30-15:40  Posterior Cervical Approach. How to Decide: Laminoplasty, Laminectomy, Laminectomy with Fusion?
Dr. Patrick Hsieh

15:40-15:50  When to Supplement Anterior Surgery with Posterior Fusion: 360 Fusion
Dr. Hani Mhaidli

15:50-16:00  Management of Cervical Adjacent Segment Disease
Dr. John Finkenberg

16:00-16:10  Update: Cervical Disc Arthroplasty
Dr. Ibrahim Omeis

16:10-16:20  Complications of the Anterior Cervical Approach
Dr. Abdel Majid Sheikh Taha

16:20-16:30  Conservative Posterior Cervical Approach in DDD
Dr. Nabil Okais

16:30-16:40  Q&A

16:40-17:00  Case Presentations

17:00  Adjourn
Contact Information
For more information about this symposium, please contact:

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