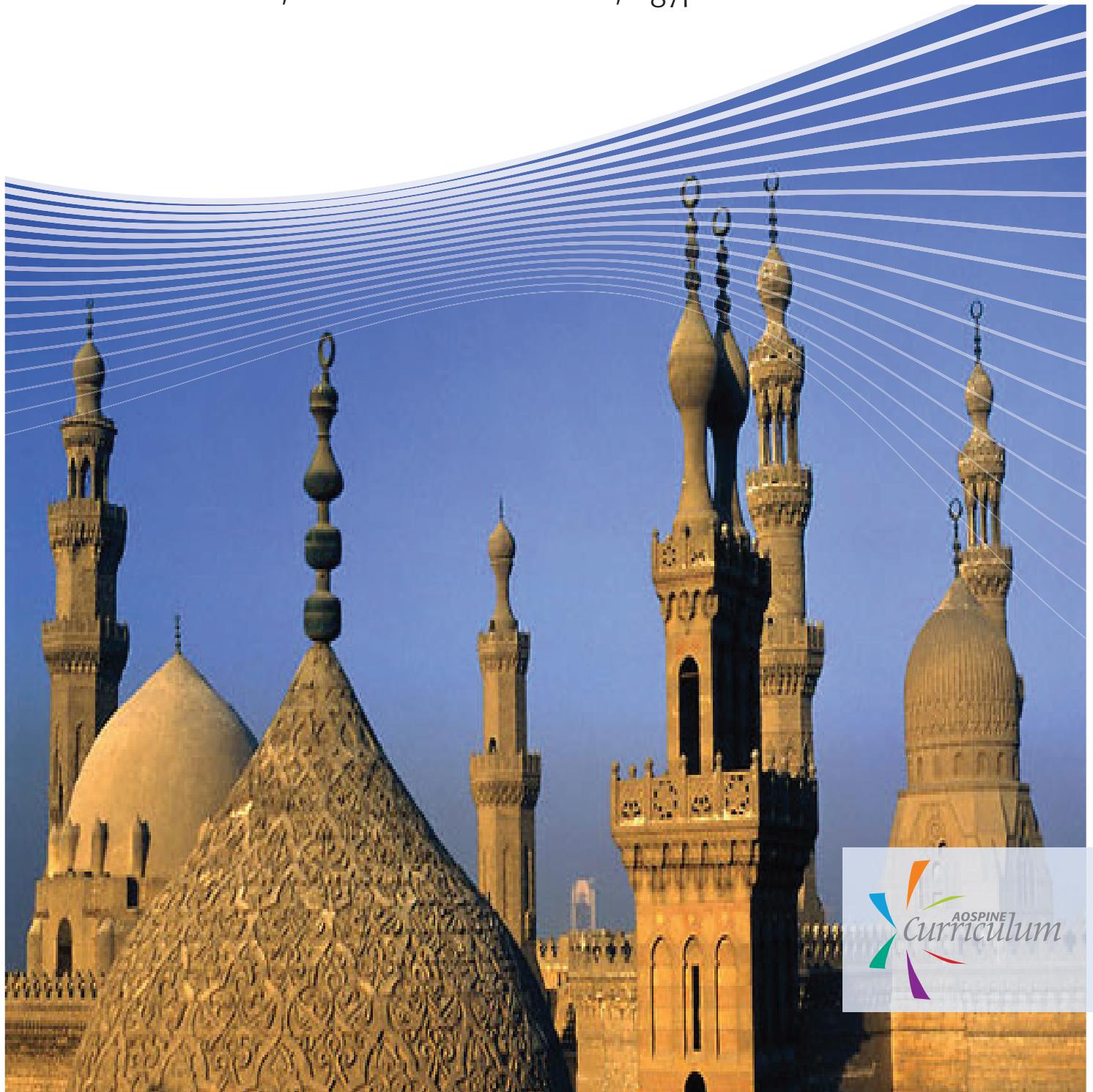


Event program

# AOSpine Advanced Symposium—Cervical Spine

December 18-19, 2015

Cairo, Egypt



[AOSpine](#)—the leading global academic community for innovative education and research in spine care, inspiring lifelong learning and improving patients' lives.

## Dear Colleagues,

We are pleased to welcome you to our third event of the year in Egypt, and this time we will concentrate on the Cervical Spine at an Advanced level.

Consisting of case presentations, case discussions, lectures, and small group discussions, this symposium promises to be interactive, as well as a thoroughly enjoyable learning experience.

If you already have more than three years experience with spine surgery, this event will help you improve your knowledge and skills in the management of cervical spine pathologies.

We look forward to welcoming you to the historical and exciting city of Cairo, the original home of learning throughout the Middle East.

Sincerely,



**Mohamed Abdel-Wanis**

Chairperson  
Sohag, Egypt

**Mohammed El-Sharkawi**

Chairperson  
Assiut, Egypt

## AOSpine Curriculum

This educational event carries the AOSpine Curriculum logo. This indicates that the program, content, and objectives have been developed based on the Curriculum framework and that the event meets the implementation criteria defined by the AOSpine Education Commission (AOSEC). For more information, visit [www.aospine.org](http://www.aospine.org)

## Symposium Description

The AOspine Symposium- "Cervical Spine" will address the current concepts in management of several pathologies in the cervical spine region-one of the most challenging levels of the spine. Integrated approach for management of fractures, degenerative, deformities, infections, inflammations and tumors of the cervical spine from the occipitocervical junction to cervico-thoracic junction will be followed..

## Target Participants

This symposium is targeted at surgeons and other specialists with 3 to 10 years of experience in spine surgery, who are aiming to further improve their knowledge in the management of all cervical spine pathologies. The symposium will review trauma, degenerative diseases, deformities, infections, tumors, and inflammatory lesions of the cervical spine.

## Symposium Objectives

The symposium will review trauma, degenerative diseases, deformities, infections, tumors, and inflammatory lesions of the cervical spine.

## Accreditation

An application has been made to the UEMS-EACCME® for CME accreditation of this event

## Chairperson

Abdel-Wanis Mohamed Sohag, Egypt

## Educational Advisor

El-Sharkawi Mohammad Assiut, Egypt

## International Faculty

Thome Cladius Innsbruck, Austria

## Regional Faculty

Alobaid	Abdulrazzaq	Kuwait City, Kuwait
Faraj	Khaled	Doha, Qatar
Kharrat	Khalil	Beirut, Lebanon

## National Faculty

Abou-Madawy	Ali	Ismailia, Egypt
Abou Yousef	Islam	Cairo, Egypt
Awad	Basem	Mansoura, Egypt
Elmeshtawy	Mohamed	Assiut, Egypt
Elmorshidy	Esam	Assiut, Egypt
Elhewala	Tarek	Zagazit, Egypt
Koptan	Wael	Cairo, Egypt
Shaker	Hesham	Cairo, Egypt

## Project Management

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[www.aospine.org](http://www.aospine.org)

## Day 1: Friday, 18 December 2015

TIME	AGENDA ITEM	WHO
07:30–08:00	Registration	
08:00–08:15	Welcome and course introduction	M Abdel-Wanis
08:15–08:30	Why join AO Spine?	M Abdel-Wanis
08:30–09:00	Role of the Educational Advisor	M El-Sharkawi
<b>Session 1</b>	<b>Lower Cervical Spine Trauma</b>	Claudius Thome Khaled Faraj

At the end of this session participants will be able to:

- Classify lower cervical injuries according to fracture morphology, instability, and neurological status
- Apply evidence-based decision making to the management of the patient with lower cervical fracture

09:00–09:10	Classification of cervical spine fractures	A Aloabaid
09:10–09:15	Bilateral cervical facet dislocation	H Shaker
09:15–09:20	Management of cervical facet joint dislocation	K Kharrat
09:20–09:30	Case solution	H Shaker
09:30–09:40	Burst fracture of lower cervical vertebra	T Elhewala
09:40–09:50	Management of burst fracture of cervical spine	B Awad
09:50–09:55	Case solution	T Elhewala
09:55–10:05	Whiplash injury of the cervical spine	M Elmeshtawy
10:05–10:25	Discussion	
10:25–10:50	COFFEE BREAK	

### **Session 2      Small Group Discussion—Spinal Cord Injury Without Radiological Abnormality (SCIWORA)**

At the end of this session participants will be able to:

- Examine the patient with SCIWORA
- Order appropriate imaging
- Apply evidence-based decision making to the management of the patient with SCIWORA

10:50–11:50	Small group discussion	A Abou-Madawy M Elmeshtawy W Koptan, C Thome K Kharrat
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## Day 1: Friday, 18 December 2015

TIME	AGENDA ITEM	WHO
11:50–13:45	Friday's Prayer and Lunch	
<b>Session 3      Upper Cervical Spine Trauma</b>		Mohamed Elmeshtawy Tarek Elhewala

At the end of this session participants will be able to:

- Classify upper cervical injuries according to fracture morphology, instability, and neurological status
- Apply evidence-based decision making to the management of the patient with upper cervical fracture

13:45–13:50	Case Presentation: Odontoid fractures	A Aloabaid
13:50–14:00	Evidence-based management of Odontoid fractures	K Kharrat
14:00–14:05	Case solution	A Aloabaid
14:05–14:10	Traumatic ligamentous C1-C2 instability	C Thomé
14:10–14:20	Diagnosis and surgery for traumatic ligamentous C1-C2 instability	K Faraj
14:20–14:30	Case solution	C Thomé
14:30–14:45	Discussion	

<b>Session 4      Cervical Spine Tumors</b>		Wael Koptan Basem Awad
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At the end of this session participants will be able to:

- Establish a diagnosis of cervical tumors based on histological verification and plan appropriate treatment
- Recognize the presence or possibility of spinal instability
- Recommend treatment based on consideration of benefit vs risk
- Perform specific surgical interventions

14:45–14:55	Staging and decision making in primary malignant Tumors of the Cervical Spine	K Faraj
14:55–15:00	Chordoma of the Cervical Spine	C Thomé
15:00–15:10	Excision of Chordomas of Cervical spine	K Kharrat
15:10–15:20	Case solution	C Thomé
15:20–15:25	Metastases of the Cervical Spine	A Aloabaid
15:25–15:35	Decision-Making in Metastases of the Cervical Spine	C Thomé
15:35–15:45	Case Solution	A Aloabaid

## Day 1: Friday, 18 December 2015

TIME	AGENDA ITEM	WHO
<b>Session 4</b>	<b>Cervical Spine Tumors (continued)</b>	Wael Koptan Basem Awad
15:45–15:50	Intradural Tumor At The Cervical Spine	K Kharrat
15:50–16:00	Management of Intradural Tumors Locating in the Cervical Spine	K Faraj
16:00–16:10	Case Solution	K Kharrat
16:10–16:25	Discussion	
16:25–16:45	COFFEE BREAK	
<b>Session 5</b>	<b>Small group discussion—Hangman and Jefferson Fractures</b>	
• At the end of this session participants will be able to:		
• Order appropriate imaging for patients with suspected upper cervical injury		
• Classify upper cervical injuries according to fracture morphology, instability, and neurological status		
• Apply evidence-based decision making to the management of the patient with upper cervical fracture		
16:45–17:45	Hangman and Jefferson's Fractures	M Elmeshtawy, W Koptan, C Thomé, H Shaker, K Faraj K Kharrat
17:45–18:00	Faculty meeting with Educational Advisor	

## Day 2: Saturday, 19 December 2015

TIME	AGENDA ITEM	WHO
<b>Session 6      Degenerative Cervical Spine Trauma</b>		Claudius Thomé Hesham Shaker
At the end of this session participants will be able to:		
<ul style="list-style-type: none"> <li>• Use evidence-based decision making when recommending operative and nonoperative interventions</li> <li>• Select and perform appropriate surgical procedures for specific indications</li> </ul>		
07:45–08:00	Summary of day 1	M Abdel-Wanis
08:00–08:05	Cervical Radiculopathy	K Kharrat
08:05–08:15	Anterior Surgery for Cervical Radiculopathy	B Awad
08:15–08:25	Posterior Surgery for Cervical Radiculopathy	Ali Abou-Madawi
08:25–08:35	Case Solution	K Kharrat
08:35–08:40	Cervical Spondylotic Myelopathy	T Elhewala
08:40–08:50	Anterior Surgery for Cervical Spondylotic Myelopathy	A Alobaid
08:50–09:00	Posterior Surgery for Cervical Spondylotic Myelopathy	E Elmorshidy
09:00–09:10	Case Solution	T Elhewala
09:10–09:20	Vertigo in Degenerative Cervical Spine	W Koptan
09:20–09:30	Flexion-extension MRI in CSM	T Elhewala
09:30–09:40	Dynamic Cervical Stabilization	C Thomé
09:40–10:00	Discussion	
10:00–10:30	COFFEE BREAK	
<b>Session 7      Small group discussion—Cervical Spine Problems in Children</b>		
At the end of this session participants will be able to:		
<ul style="list-style-type: none"> <li>• Analyze the patient history and physical examination findings</li> <li>• Use appropriate diagnostic tools</li> <li>• Use evidence-based decision making when recommending operative and nonoperative interventions</li> <li>• Select and perform appropriate surgical procedures for specific indications</li> </ul>		
10:30–11:30	Cervical Spine Problems in Children	W Koptan, C Thomé H Shaker, K Faraj K Kharrat M Elmeshtawy

## Day 2: Saturday, 19 December 2015

TIME	AGENDA ITEM	WHO
<b>Session 8</b>	<b>Small group discussion—Infections of the Cervical Spine</b>	
	<ul style="list-style-type: none"> <li>At the end of this session participants will be able to:</li> <li>Analyze the history and physical examination with a high index of suspicion for primary and postoperative spinal infection</li> <li>Order and interpret appropriate diagnostic tests to confirm infection and identify the causative organism</li> <li>Prescribe appropriate evidence-based medical therapy and preoperative prophylaxis</li> <li>Assess the indications for surgical intervention and perform appropriate surgical procedures</li> </ul>	
11:30–12:30	Infections of the Cervical Spine	C Thomé K Kharrat T El Hewala M Elmeshtawy W Koptan H Shaker
12:30–13:30	LUNCH	
<b>Session 9</b>	<b>Participants' Case Presentations</b>	Mohamed Elmeshtawy Wael Koptan
13:30–13:40	Case presentation	Participant
13:40–13:50	Case presentation	Participant
13:50–14:00	Case presentation	Participant
14:00–14:10	Case presentation	Participant
14:10–14:30	Discussion	
<b>Session 10</b>	<b>Cervical Spine Inflammations</b>	Claudius Thomé Mohamed Elmeshtawy
14:30–14:35	Case presentation: Rheumatoid Arthritis of Cervical Spine	A Alobaid
14:35–14:45	Rheumatoid Arthritis of the Cervical Spine	K Faraj
14:45–14:55	Case Solution	A Alobaid

## Day 2: Saturday, 19 December 2015

TIME	AGENDA ITEM	WHO
<b>Session 10</b>	<b>Cervical Spine Inflammations (continued)</b>	Claudius Thomé Mohamed Elmeshtawy
14:55–15:05	Cervical Kyphosis due to Ankylosing Spondylitis	M Elmeshtawy
15:05–15:15	Cervical Corrective Osteotomies	C Thomé
15:15–15:25	Case Solution	M Elmeshtawy
15:25–15:40	Discussion	
15:40–16:00	COFFEE BREAK	
<b>Session 11</b>	<b>Complications of Cervical Spine Surgery</b>	Claudius Thomé Wael Koptan
At the end of this session participants will be able to:		
<ul style="list-style-type: none"> <li>• Recognize and manage intraoperative complications</li> <li>• Identify early postoperative complications and treat promptly</li> <li>• Identify and treat late-presenting postoperative complications</li> <li>• Identify infection, loss of correction, loss of fixation, failure of fusion, and neurological injury early and treat promptly</li> <li>• Manage postoperative infection</li> </ul>		
16:00–16:10	Evidence -based incidence of complications during anterior and posterior cervical spine surgery	K Faraj
16:10–16:20	Dural Tears During Anterior Cervical Spine Surgery: Close the Wound and Go Home?	K Kharrat
16:20–16:30	Dysphagia after Anterior Cervical Spine Operations	A Aloabaid
16:30–16:40	Discussion	
16:40–16:50	Vertebral Artery Injury during Cervical Spine Surgery	A Abou-Madawy
16:50–17:00	Neurological Complications after Cervical Spine operation	E Elmorshidy
17:00–17:10	Post-operative Infection in Cervical Spine Surgery	T Elhewala
17:10–17:20	Metal Failure after Cervical Spine Instrumentation	M Elmeshtawy
17:20–17:30	Discussion	
17:30–17:40	Summary and Final Remarks	M Abdel-wanis
17:40–18:00	Evaluation of the Symposium	M El-Sharkawi



The AO Spine bookshelf

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## General Information

### Event Venue

Ramses Hilton  
1115 Nile Corniche  
Phone: +20 2 25777444  
[www.hilton.com/Cairo](http://www.hilton.com/Cairo)

### Logistics (to be confirmed)

### Registration fee

AOSpine Members	USD 200.–
AOSpine non-Members	USD 300.–

### Included in course fee

Conference bag with documentation, coffee breaks, lunches, and course certificate.

### Payment options

Online on the AOSpine website  
[www.aospine.org](http://www.aospine.org) or directly at  
<http://CAIRO1512.aospine.org>

### No insurance

The course organization does not take out insurance to cover participants against cancellation of course, accidents, or other risks.

### Security

Security check at the entrance of the building. Access permitted with name tag only.

### Dress code

Casual

### Course language

English

### Mobile phone use

Mobile phone use is not allowed in the lecture halls and in practical exercise rooms. Please be considerate of others by turning your mobile phone to off.

### Photography

Photos taken during the event may be used as AOSpine promotional material. Please inform the AOSpine Project Manager if you do not wish photos of yourself to be used.

### Intellectual property

Course materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved. Check hazards and legal restrictions on [www.aospine.org/legal](http://www.aospine.org/legal). Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes, and made available to the public.

## AOspine Middle East Education

AOspine welcomes the participation of our partners in supporting our efforts to deliver education of the highest quality. Industry partners agree to the following at this educational event.

### **1. Introduction**

- This event is for the benefit of the AOspine community
- The objective is to offer the highest quality education in spine surgery

### **2. Academic Independence**

- This event must be free from commercial bias or influence
- The content of this event will focus solely on the teaching of medical principles, knowledge, skills and generic techniques
- The event chairpersons are solely responsible for determining faculty, topic and program
- Our industry partners provide logistical support, including workshop material and technical support

### **3. Branding**

- The AOspine logo and associated imagery must be the only visible corporate branding
- Commercial advertising—including but not limited to promotional materials, merchandizing items and gifts—is not permitted
- Our industry partners' logistical support may be mentioned in the event program, but without any use of logos

### **4. Product Usage**

- Products may only be visible in a neutral setting, ie, free from any corporate branding
- Products may only be displayed in areas as defined by the event chairpersons; products should never be displayed in lecture theatres, and in principle neither in reception areas nor in food and beverage areas
- Any practical workshops must take place in an area clearly designated as a workshop area, and clearly separate from any lecture, discussion group, social or rest areas
- Such workshops may only be run by members of this event's faculty
- Surgical technique manuals may be made available to participants upon request

### **5. Venue & Personnel**

- This event may not be held at the premises of any industry partner
- The presence of industry partners is solely to provide discrete background logistical support
- The ratio of each industry partner's representatives to participants at this event may not exceed 1:10
- Industry partners may join meals and breaks, but may not use these as sales opportunities
- The aggressive use of this event as a sales opportunity is not permitted
- The presence of industry partners at any practical workshops must remain discrete at all times

All logistics handled by partner representatives must be conducted in accordance with this and with the approval of AOspine (event chairpersons and the AOspine Middle East division), to ensure the event's academic independence.

## Membership

# Join the leading global community of spine surgeons

### **AOSpine community**

AOSpine is the leading global academic community for innovative education and research in spine care, inspiring lifelong learning and improving patients' lives.

### **Education and Career Development**



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We look forward to welcoming you to the AOSpine global community!



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