

# 14<sup>th</sup> SPINE UPDATE

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

## CADAVER WORKSHOP & CASE FORUM

### DAY 1: CADAVER WORKSHOP

Thursday, December 19, 2024

**Venue:** College of Medicine – King Saud University).

REGISTRATION PRICES  
FOR CADAVER WORKSHOP

3500  
SR

### DAY 2: CASE FORUM

Friday, December 20, 2024

**venue:** Crowne Plaza Riyadh  
RDC Hotel & Venue.

REGISTRATION PRICES  
FOR CASE FORUM

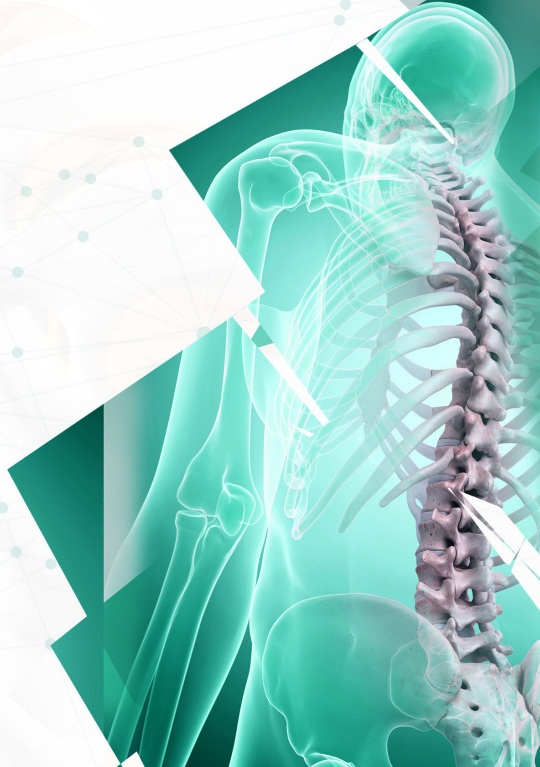
350  
SR

### Audience:

Neurosurgery & Orthopedic surgery

FOR REGISTRATION  
BEFORE  
1<sup>ST</sup> DECEMBER 2024

50%



# WELCOME MESSAGE

Welcome to the 14<sup>th</sup> annual Spine Update Hands-On Course and Interactive Case Forum! Unveiling the Intricacies of Spinal Anatomy through Dissection.

We are thrilled to extend a warm welcome to each of you at our 14<sup>th</sup> annual Spine Update Hands-On Course and Interactive Case Discussion, taking place in Riyadh from December 19<sup>th</sup> to 20<sup>th</sup>, 2024. Join us for an immersive experience where the complex world of spinal anatomy comes to life through hands-on dissection and engaging case discussions.

This year's 'Update' is tailored to emphasize the significance of spine anatomy knowledge and training. Our meeting focuses on fundamental anatomy topics and clinical conditions pertinent to the Cervical and Craniocervical spine regions. Our expert faculty is committed to guiding you through the anatomical nuances, ensuring a rich learning experience that will augment both your surgical skills and understanding.

## Course Highlights:

- **19 December 2024** - Anatomy Exploration with Hands-On Experience: Elevate your skills through hands-on practice, guided by field experts. Our state-of-the-art facilities offer the perfect setting for refining techniques and building confidence in spine surgery procedures. The course includes fresh cadaver specimens and simulation models showcasing common cervical pathologies. Additionally, a limited number of trainees are accepted, and all stations are supervised by experienced staff to maximize the learning experience. Immerse yourself in the fascinating world of spinal anatomy through meticulously designed dissection sessions, gaining a profound understanding of structures, relationships, and surgical implications.
- **20 December 2024** - Interactive Case Forum: This second day of the event is dedicated to an interactive case forum themed around 'Cervical Spine Pathology,' encompassing interactive case discussions spanning various spine pathologies and their management. Engage in dynamic case discussions led by seasoned professionals. Share insights, perspectives, and experiences with your peers, fostering a collaborative learning environment that transcends traditional education boundaries.
- **Networking Opportunities:** Connect with fellow participants, faculty members, and industry experts. Forge lasting professional relationships that extend beyond the course, creating a network supportive of your growth in the field of spine surgery.
- **Continuing Education:** Our course serves not only as immediate skill enhancement but as a foundation for continuous learning. Access resources, stay connected, and evolve as a proficient spine surgeon.

**Welcome to the 14<sup>th</sup> Spine Update Hands-On Course - where knowledge meets practice, and skills reach new heights!**

*Best Regards,*

**CHAIRMAN**

**Dr. Fawaz Almotairi**

**CO-CHAIRS**

**Dr. Amro Al-Habib**

**CO-CHAIRS**

**Dr. Fahad Alhelal**

# 14<sup>th</sup> SPINE UPDATE

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

19 - 20 December 2024

Theme:  
Cervical spine

**DAY 1: December 19<sup>th</sup>, 2024**

**Lectures:** (08:00 to 08:40 am)

**Venue:** College of Medicine – King Saud University

**Contact:** Ms. Sumayyah AbuNayyan, 0553120940 for Direction issues

Lecture	Items in the lecture	Duration	Speaker
Anterior cervical subaxial spine	<ul style="list-style-type: none"> <li>- Anatomy of the anterior neck compartments and muscles relevant to anterior cervical spine approaches.</li> <li>- Relevant Surgical approaches.</li> </ul>	15 min	Dr. Amro Al-Habib
Posterior Cervical spine Muscle anatomy	<ul style="list-style-type: none"> <li>- Anatomy of the posterior neck and upper back muscles.</li> <li>- Cervical spine bone and joint anatomy.</li> <li>- Anatomy of the cervical facet joints and Pedicles.</li> </ul>	15 min	Dr. Fawaz Almotairi
Cervical Spine Anatomy (posterior): Bone, facets, and Nerve Roots	<ul style="list-style-type: none"> <li>- Anatomy of the spinal cord and cervical nerve roots.</li> <li>- Anatomy of blood supply to the spinal cord, including vertebral and carotid arteries.</li> <li>- Relevance of nerve roots to pedicle anatomy and cervical discs. (with relevant MRI anatomy images of nerve roots).</li> </ul>	15 min	Dr. Mubarak Algahtany



# 14<sup>th</sup> SPINE UPDATE

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

19 - 20 December 2024

Theme:  
Cervical spine

**DAY 1: December 19<sup>th</sup>, 2024**

**Participants will be divided into groups based on the level of training and professional practice.**

- Juniors: R 1 - 3
- Seniors: R 4 - 6
- Fellows
- Consultants

- Priority is for senior residents and fellows.

- **Eight** groups will be assigned on 8 cadaver stations

- The cadaver stations will cover:

- Anterior cervical spine approach in the morning.
- Posterior cervical spine approaches in the afternoon.

- Each group is 4 participants based on first-come first-serve.

- Each group will utilize one cadaver/ model for the whole course during a half-day session.

## 1. Cadaver Stations

- Half day (one group in the morning or and another in the afternoon)

- 8 stations

- Objective of anatomic dissection in each station

### • Cadavers in supine position:

- Identify and dissect anterior cervical structures.
- Expose anterior surface of the cervical spine with relevant anatomic relationships.
- Perform discectomy and corpectomy with relevant reconstruction.
- Identify relevant vertebral artery anatomy and its relationship to the cervical spine.

### • Cadavers in prone position:

- Expose the cervical spine.
- Perform laminectomy using the drill.
- Perform cervical foraminotomy.
- Perform lateral mass screws into the cervical spine.
- Expose vertebral artery and identify relationship to the cervical nerve root.
- Extra: perform pedicle screws into C7 and upper thoracic spine (when feasible).

### • Advanced (two fellow stations) in addition to the above:

1. Odontoid crew fixation (during the anterior station).
2. Posterior C1-2 fixation.

# 14<sup>th</sup> SPINE UPDATE

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

19 - 20 December 2024

Theme:  
Cervical spine

**DAY 2: December 20<sup>th</sup>, 2024**

Case Forum on Cervical spine pathology.

**Venue:** Crowne Plaza Riyadh Rdc Hotel & Convention

Time	Topic	Speaker
03:00 - 03:50 pm	Registration	
03:50 - 04:00 pm	Welcome Message	Dr. Fawaz Almotairi
<b>SESSION 1</b>		
<b>Moderators:</b> Dr. Wasif Alsibae   Dr. Ahmed Alzahrani   Dr. Abdulrahman Alarjani		
04:00 - 04:15 pm	Management of a cervical tumor involving the vertebral artery	Dr. Anouar Bourghli
04:15 - 04:30 pm	Cervical intradural tumor and ..another pathology	Dr. Abdulkarim Al Rabie
04:30 - 04:45 pm	Cervical spine tumor with instability	Dr. Abdulaziz Bin Shebreen
04:45 - 05:00 pm	DISH with difficulty in swallowing	Dr. Yaser Babgi
05:00 - 05:30 pm	Break	
<b>SESSION 2</b>		
<b>Moderators:</b> Dr. Ibrahim Assiri   Dr. Mubarak Alqahtani   Dr. Hosam Alhabib   Dr. Sami Aleissa		
05:30 - 05:45 pm	Central cord syndrome, are we obligated to operate ??	Dr. Ibrahim Alnaami
05:45 - 06:00 pm	Multiple Cervical Disc disease Decision making	Dr. Ahmed Al Jishi
06:00 - 06:15 pm	MIS decompression for Myelopathy	Dr. Shadi Shihata
06:15 - 06:30 pm	Extensive Cervical spondylodiscitis	Dr. Shaker Alshehri
06:30 - 06:45 pm	Break	

# 14<sup>th</sup> SPINE UPDATE

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

19 - 20 December 2024

Theme:  
Cervical spine

**DAY 2: December 20<sup>th</sup>, 2024**

Case Forum on Cervical spine pathology.

**Venue:** Crowne Plaza Riyadh Rdc Hotel & Convention

Time	Topic	Speaker
<b>SESSION 3</b>		
<b>Moderators:</b> Dr. Abdulkarim AlRabie   Dr. Khalid Siddiqui   Dr. Saad Alsurur   Dr. Dhawi Alotaibi		
06:45 – 07:00 pm	Serious case that could be easily missed !	Dr. Mohammad Alswat
07:00 – 07:15 pm	Cervical Ankylosing Spondylitis	Dr. Mohammed Malibary
07:15 – 07:30 pm	Inflammatory C1/2 subluxation in pediatrics	Dr. Abdulmajeed Alahmari
07:30 – 07:45 pm	Adult traumatic C1-2 rotatory subluxation diagnosis and surgical Nuances	Dr. Jihad Alyafei
07:45 – 08:00 pm	Break	
<b>SESSION 4</b>		
<b>Moderators:</b> Dr. Waleed Awwad   Dr. Abdulwahed Barnawi   Dr. Mohammed Khashab   Dr. Sherif Elwatidy		
08:00 – 08:15 pm	Cervical Injury	Dr. Fawaz Almotairi
08:15 – 08:30 pm	Cervical radiculopathy with normal MRI, should I have done it better?	Dr. Hussam Jabri
08:30 – 08:45 pm	Cervical Plasmacytoma	Dr. Abdulhadi Alqahtani
08:45 – 09:00 pm	Post cervical laminectomy kyphosis with cervical myelopathy	Dr. Mohammed Khashab
09:00 – 09:30 pm	<b>Expertise session - Open forum</b> Handling complications: - Personal aspects - Interaction with patients and their families - Expertise help - Doing the right thing - Impact on your practice	Dr. Wasif Alsibae Dr. Sherif Elwatidy Dr. Waleed Awwad Dr. Abdulrahman Alarjani Dr. Ibrahim Alnaami

# 14<sup>th</sup> SPINE UPDATE

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

19 - 20 December 2024

## COURSE FACULTY:

1	Dr. Amro Al-Habib	Riyadh	21	Dr. Abdulhadi Alqahtani	Jeddah
2	Dr. Fawaz Almotairi	Riyadh	22	Dr. Waleed Awwad	Riyadh
3	Dr. Abdulkarim AlRabie	Riyadh	23	Dr. Shadi Shehata	Jeddah
4	Dr. Salah Alakkad	Dammam	24	Dr. Anouar Bourghli	Riyadh
5	Dr. Sami Aleissa	Riyadh	25	Dr. Shaker Al-Shehri	Abha
6	Dr. Ibrahim Alnaami	Abha	26	Dr. Abdulwahed Barnawi	Riyadh
7	Dr. Mubarak Algahtany	Abha	27	Dr. Hussam Jabri	Riyadh
8	Dr. Jihad Ahmad	Abha	28	Dr. Dhawi Alotaibi	Riyadh
9	Dr. Rakan Bokhari	Jeddah	29	Dr. Khaled Assiri	Dammam
10	Dr. Yaser Babgi	Jeddah	30	Dr. Ahmed Alzahrani	Riyadh
11	Dr. Mohamed Malabari	Jeddah	31	Dr. Ahmed Aljeshi	Riyadh
12	Dr. Mahdi Bassi	Jeddah	32	Dr. Abdulrahman Alarjani	Riyadh
13	Dr. Yahya Khormi	Jizan	33	Dr. Abdulaziz bin Shebreen	Riyadh
14	Dr. Khalid Siddiqui	Dammam	34	Dr. Saad AlSurur	Riyadh
15	Dr. Abdulmajeed Alahmari	Riyadh	35	Dr. Wasif Alsibaee	Riyadh
16	Dr. Ibrahim Al-Assiri	Riyadh	36	Dr. Mohammed Khashab	Jeddah
17	Dr. Hosam Alhabib	Dammam	37	Dr. Mohammad Alshardan	Riyadh
18	Dr. Osama Alruhaily	Riyadh	38	Dr. Abdullah Gaddah	Abha
19	Dr. Mohammed Alswat	Makkah	39	Dr. Salahideen Khalifa	Jeddah
20	Dr. Sherif Elwatidy	Riyadh	40	Dr. Sultan Aldebeyan	Riyadh

# 14<sup>th</sup> SPINE UPDATE

