

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

In collaboration with  
Zain Jamjoom Neurosurgery Skills Course

**DECEMBER 29<sup>TH</sup>, 2022**

**Venue:** Simulation Center – College of Medicine – King Saud University  
Experimental Surgery and Animal Laboratory – College of Medicine – King Saud University

**Contact:** Ms. Sumayyah Abunayyan 0553120940 direction issues

TIME	TOPIC	SPEAKER
07:30 - 08:00	Anterior cervical spine approach	Dr. Anouar Bourghli
08:00 - 08:10	Posterior cervical spine approach	Dr. Osama Alrehailli
08:10 - 08:20	Posterior Lumbar MIS instrumentation	Dr. Fawaz Almotairi
08:20 - 08:30	Posterior Thoracic and lumbar instrumentation	Dr. Yahya Algahtani
08:30 - 08:40	Discussion	

## 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.
- Four groups will be assigned to cadavers in the morning session and will switch to the simulation lab in the afternoon and vice versa for the other 4 groups.
- The cadavers stations will cover anterior and posterior cervical approaches.
- The simulation models will cover open and MIS instrumentation of the thoracolumbar spine.
- Each group is 4 participants.
- Each group will utilize one cadaver/ model for the whole course during a half day session.

## Anterior and posterior cervical spine approaches (cadavers workshop):

- Identify anatomic planes of anterior cervical approach.
- Identify relevant anatomic structures including cervical plexus, hypoglossal nerve, Ansa cervicalis, carotid sheath, oesophagus, and anterior neck muscles.
- Perform cervical discotomy and cage insertion.
- Perform cervical corpectomy and appropriate reconstruction.
- Explore the vertebral artery and identify its relationship to the cervical nerve roots and the cervical pedicles.
- Perform lateral mass screws and recognize anatomic landmarks.

## Posterior thoracolumbar approaches:

- Perform open techniques of pedicle screw instrumentation and the thoracic and lumbosacral spine.
- Perform MIS techniques of pedicle screw instrumentation and the thoracic and lumbosacral spine.
- Recognize the anatomical landmarks to do safe pedicle screw instrumentation.



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## DECEMBER 30<sup>TH</sup>, 2022

**Venue:** Crowne Plaza Riyadh – King Saud University

TIME	TOPIC	SPEAKER
03:00 - 03:50 pm	Registration	
03:50 - 04:00 pm	Welcome Message	
<b>Moderators:</b> Dr. Saleh Baeesa   Dr. Abdulmajeed Alahmari   Dr. Hosam Alhabib   Dr. Ahmed Alzahrani		
04:00 - 04:15 pm	Complication avoidance in lumbar deg disease	Dr. Mohammed Alswat
04:15 - 04:30 pm	Junctional Zone Hardware Failure in flat back syndrome	Dr. Ahmed Aljeshi
04:30 - 04:45 pm	Modified TLIF is a successful approach in degenerative lumbar spondylolisthesis	Dr. Khaled Assiri
04:45 - 05:00 pm	Lumbar disc prolapse, But?	Dr. Amro Al Habib
05:00 - 05:30 pm	Prayer & Break	
<b>Moderators:</b> Dr. Ibrahim Assiri   Dr. Ibrahim Alnaami   Dr. Mubarak Algahtani   Dr. Abdulrahman Alarjani		
05:30 - 05:45 pm	Severe Cervical Stenosis Presenting as Peripheral Neuropathy	Dr. Abdulkarim Alrabie
05:45 - 06:00 pm	Cervical myelopathy in geriatric age group	Dr. Abdulhadi Algahtani
06:00 - 06:15 pm	Cervical multiple levels degenerative disc disease	Dr. Abdulwahed Barnawi
06:15 - 06:30 pm	Abnormal facet orientation and upper cervical stenosis	Dr. Fawaz Almotairi
06:30 - 06:45 pm	Break	
<b>Moderators:</b> Dr. Khalid Siddiqui   Dr. Saad Surur   Dr. Shadi Shihata   Dr. Dhawi Alotaibi		
06:45 - 07:00 pm	Spine balance considerations to avoid failed back syndrome	Dr. Abdulaziz bin Shebreen
07:00 - 07:15 pm	Lumbar degenerative disease and sagittal balance	Dr. Shaker Alshehri
07:15 - 07:30 pm	Applying deformity concepts in degenerative lumbar spine conditions	Dr. Faisal Konbaz
07:30 - 07:45 pm	Degenerative thoracic stenosis	Dr. Sami Aleissa
07:45 - 08:00 pm	Break	
<b>Moderators:</b> Dr. Waleed Awwad   Dr. Yasser Albrieket   Dr. Abdelwahed Barnawi   Dr. Mahdi Bassi   Dr. Sherif Watidy		
08:00 - 08:15 pm	ACDF, is it time to retire?	Dr. Hussam Jabri
08:15 - 08:30 pm	Favorable clinical outcome in severe spondylotic myelopathy	Dr. Jehad Ahmad
08:30 - 08:45 pm	Case of Cauda equina syndrome, tips and tricks	Dr. Rami Alshamrani

All participants who register before December 20<sup>th</sup> will get free cervical and lumbar spine models



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## COURSE DIRECTORS

### Chairman

**Dr. Fawaz Almotairi MD PhD**

King Saud University  
Riyadh – Saudi Arabia

### Co-Chairs and scientific committee

**Dr. Abdulkarim Alrabie**

Prince Sultan Military Medical City  
Riyadh – Saudi Arabia

**Dr. Amro Alhabib**

King Saud University  
Riyadh – Saudi Arabia

**Dr. Yahya Algahtani**

Riyadh – Saudi Arabia

**Dr. Thamer Alfawaz**

Riyadh – Saudi Arabia

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## COURSE FACULTY

1. Dr. Fawaz Almotairi

2. Dr. Amro Al-Habib

3. Dr. Abdulkarim Alrabie

4. Dr. Yahya Algahtani

5. Dr. Thamer Alfawaz

6. Dr. Saleh Baessa

7. Dr. Abdulmajeed Alahmari

8. Dr. Husam Alhabib

9. Dr. Faisal Konbaz

10. Dr. Jehad Ahmed

11. Dr. Hussam Jabri

12. Dr. Waleed Awwad

13. Dr. Abdulwahed Barnawi

14. Dr. Sami Aleissa

15. Dr. Mohammed Alswat

16. Dr. Rami Alshamrani

17. Dr. Abdulaziz bin Shebreen

18. Dr. Khalid Siddiqui

19. Dr. Saad Surur

20. Dr. Shadi Shihata

21. Dr. Abdulhadi Algahtani

22. Dr. Khaled Assiri

23. Dr. Osama Alrehaili

24. Dr. Anouar Bourghli

25. Dr. Ibrahim Assiri

26. Dr. Ibrahim Anaami

27. Dr. Mubarak Algahtani

28. Dr. Dhawi Alotaibi

29. Dr. Abdulrahman Alarjani

30. Dr. Sherif Alwatidy

31. Dr. Ahmed Aljeshi

32. Dr. Ahmed Alzahrani

33. Dr. Yasser Brikeet

34. Dr. Mahdi Bassi

35. Dr. Shaker Al Shehri