



# 2<sup>nd</sup> Saudi Spine Society Annual Conference

## Promoting Excellence in Multidisciplinary Spine Care

### Pre-Conference Workshop #2

## Spine Sagittal alignment

Chairperson:

**Dr. Anouar Bourghli**  
**Prof. Jeffrey Wang**



Limited Seats



الهيئة السعودية للتخصصات الصحية  
Saudi Commission for Health Specialties

 **November 17, 2018**

 **08:00am - 12:00pm**

**Jeddah Hilton Hotel**

**HRS**  
**CME**  
**ACCREDITED**

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## **Target Audience:**

- Neurosurgeon
- Orthopedic surgeon
- Radiologist
- Rehabilitation doctor
- Physiotherapist

## **Learning Objectives :**

- Define the basic concepts of sagittal alignment, and develop them progressively to reach more advanced ones.
- Understand the physiological contours of a normal spine with the help of spinopelvic parameters and global alignment parameters.
- Detect the malalignment of the spine related to a specific pathology, recognize its origin, the compensatory mechanisms, and the best way to correct it with identification of the best area to target in case surgical management is needed.
- Discuss various pathologies with malalignment corrections on real cases but also with failures that would have been avoided. And even discuss your own cases!

## **Workshop Description :**

This workshop is intended for those who wish to understand properly the principles of sagittal alignment, one of the most important spinal topics of the past decade. Any spine care practitioner has to deal with the sagittal alignment of his patients in his daily practice as it may be related to any kind of pathology; therefore understanding its basic concepts and fundamentals is the key for providing the best spinal care.

## **Faculty :**

### **Dr. Anouar Bourghli**

Consultant Orthopedic & Spine Surgeon  
Kingdom Hospital, Riyadh

### **Prof. Jeffrey Wang**

professor of orthopedic Surgery and Neurosurgery  
USC Spine Center, Los Angeles

### **Dr. Faisal Konbaz**

Consultant Orthopedic & Spine Surgeon  
King Abdulaziz Medical City, Riyadh

### **Dr. Ayman Tayeb**

Consultant Orthopedic & Spine surgeon  
King Abdullah Medical City, Makkah

# TIMETABLE

## TIME

## TOPIC

08:00 - 08:20 am	Spine imaging and biomechanics of the spine ( <b>Anouar Bourghli</b> )
08:20 - 08:40 am	Pelvic parameters ( <b>Jeffrey Wang</b> )
08:40 - 09:00 am	Spine parameters ( <b>Ayman Tayeb</b> )
09:00 - 09:20 am	Correlation spine-pelvis, effects of aging ( <b>Anouar Bourghli</b> )
09:20 - 09:40 am	Global sagittal alignment analysis ( <b>Faisal Konbaz</b> )
09:40 - 10:00 am	Cervical spine alignment ( <b>Jeffrey Wang</b> )
10:00 - 10:20 am	BREAK
10:20 - 10:40 am	Compensatory mechanisms ( <b>Ayman Tayeb</b> )
10:40 - 11:00 am	Introduction to coronal malalignment ( <b>Anouar Bourghli</b> )
11:00 - 11:20 am	Adult pathology (degenerative, deformity, trauma), Pediatrics ( <b>Faisal Konbaz</b> )
11:20 - 11:40 am	Clinical cases discussion ( <b>Faisal Konbaz</b> ) ( <b>Ayman Tayeb</b> )
11:40	Take home message ( <b>Anouar Bourghli</b> ) ( <b>Jeffrey Wang</b> )

