



1st Saudi Spine Society Annual Conference

Promoting Excellence in Multidisciplinary Spine Care

Pre-Conference Workshops

17 | December | 2017

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Evidence Based Spine Practice (In Collaboration with NASS)



Chairpersons
Jeffrey Wang
Scott Kreiner
Eric Trummeees
William Sullivan
Patrick Hsieh
Eric Muehlbauer
Sohail Bajammal

50 Seats
Limited



8 HRS
8 CME
ACCREDITED

No Onsite Registration

Deadline for Registration is
December | 10 | 2017

Online Assignments must
be Submitted before
December | 15 | 2017


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Workshop description:

The evidence-based spine practice workshop is intended for those who wish to develop their skills in critically analyzing study methodologies and assigning levels of evidence to studies based upon how the studies are being utilized to answer a specific clinical question.

The workshop consists of two parts. The first part is a mandatory online preparation which includes viewing presentations and completing assignments. The second part is a live face-to-face workshop on December 17, 2017.

Learning Objectives:

- Define evidence-based medicine, appreciating the importance of the integration of all three components in its practice: best research evidence, clinical expertise and patient value
- Construct answerable questions to assist in identifying relevant evidence
- Perform computer searches of electronic databases of clinical research literature
- Evaluate clinical value of research from an evidence-based perspective
- Define different types of studies, their strengths and limitations
- Determine levels of evidence and how they are applied based upon the type of clinical question being addressed
- Apply these techniques within their practices
- Assign levels of evidence to research studies
- Apply these techniques in the critical appraisal of studies that impact planning care patients

Part 1: Review Online Course Presentations

Until December 10, 2017

A link will be sent to registered participants to access course presentations, download course materials and submit homework.

Total viewing time for the online course: 2 hours 45 min

Chapters

Chapter 1 :

Speaker: **William Watters III, MD**

Topic: Introduction: What is Evidence - Based Medicine?

Chapter 2 :

Speaker: **Scott Kreiner, MD**

Topic: Constructing Answerable Clinical Questions

Chapter 3 :

Speaker: **William Watters III, MD**

Topic: How to Perform a Thorough Literature Search:
Demonstration

Chapter 4 :

Speaker: **Charles Reitman, MD**

Topic: Levels of Evidence Supplemental Material:
Levels of Evidence Chart and Grades of
Recommendation Chart

Chapter 5 :

Speaker: **Zoher Ghogawala, MD**

Topic: Types of Studies: Strengths and Limitations

Chapter 6 :

Speaker: **Christopher Bono, MD**

Topic: Stats Review Supplemental Material: Stats Glossary

Chapter 7 :

Speaker: **Dan Resnick, MD | Zoher Ghogawala, MD**

Topic: Importance of Guidelines in Payments and Policy Decisions

Mandatory assignments before the live course

Assignment #1: Clinical question development assignment

Assignment #2: PubMed navigation assignment

Assignment #3: Article review assignment

Part 2: Live Face-to-Face Evidence-Based Spine Care Workshop

December 17, 2017

Time	Topic	Speaker
Moderator: Scott Kreiner, MD and Sohail Bajammal, MD		
08:00 - 08:05	Welcome and Introduction	Scott Kreiner, MD
08:05 - 08:25	Review of scenarios and submitted questions	William Sullivan, MD
08:25 - 08:35	Review of PubMed Assignments	Eric Trummees, MD
08:35 - 08:50	Review of Guideline Process	Scott Kreiner, MD
08:50 - 09:05	The Medical Society's Role in Guideline Development: Ensuring Credibility through Proper Methodology and Management of Bias	Eric Muehlbauer, JD, CAE
09:05 - 09:20	Review of study designs	Jeffrey Wang, MD
09:20 - 09:45	Review of Article 1 Arts MP, et al. Tubular discectomy vs. conventional microdiscectomy for the treatment of lumbar disk herniation: 2 year results of a double - blind randomized controlled trial. <i>Neurosurgery</i> . 2011 Jul;669(11):135 - 44; discussion 144	Patrick Hsieh, MD
09:45 - 09:55	Coffee Break	
09:55 - 10:20	Review of article 2 Ghahreman A, et al. The efficacy of transforaminal injection of steroids for the treatment of lumbar radicular pain. <i>Pain Med</i> . 2010 Aug;11(8):1149-68.	Scott Kreiner, MD
10:20 - 10:35	Categorical vs. Mean data	Scott Kreiner, MD
10:35 - 11:00	Review of article 3 Fairbank J. Randomised controlled trial to compare surgical stabilisation of the lumbar spine with an intensive rehabilitation programme for patients with chronic low back pain: the MRC spine stabilisation trial. <i>BMJ</i> . 2005 May 28;330(77502):1233.	Sohail Bajammal, MD
11:00 - 11:15	How to do a research project and setup a lab	Patrick Hsieh, MD
11:15 - 11:30	How to write a paper and get published	Jeffrey Wang, MD
11:30 - 11:45	Clinical Registry (real data) versus Randomized Controlled Trials	Eric Trummees, MD
11:45 - 12:00	Challenges facing implementation of an evidence-based practice	Sohail Bajammal, MD
12:00 - 12:10	Questions and Answers	All faculty