

Event program

AOSpine Principles Seminar— Research

July 31 – August 1, 2015

Amman, Jordan



RESEARCH

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

Dear Colleagues

On behalf of AOSpine Middle East we would like to welcome you to the first AOSpine Principles Seminar on Research in Jordan.

Following the success of last year's workshop in Dubai, our intention is to continue to build and maintain a strong collaborative interdisciplinary research culture among our members in the Middle East.

We are confident that your participation in this two-day interactive workshop will be productive as well as enjoyable, as your confidence and skills increase in this field.

We wish you a successful course, and hope that your interactive engagement will foster new friendships that lead to future collaboration in research.

Sincerely



Muhammed Assous

Chairperson
Amman, Jordan



Áron Lazáry

International faculty
Budapest, Hungary



Muayyad Ahmad

National faculty
Amman, Jordan

Yousuf Khader

National faculty
Amman, Jordan

Course Description

This two-day interactive course introduces the concepts of research methodology to healthcare professionals. It addresses different topics in research, such as how to generate research question, do literature search, analyze and critical appraise it.

This educational event, taught in a modular format, offers you a challenging learning experience with interactive sessions facilitated by faculty teaching in their field of expertise.

Comprised of evidence based lectures, practical exercises, and discussions, this workshop will provide ample time for discussion between faculty and participants.

It is our aims that at the end of course each participant will leave the workshop with a research proposal.

Target Participants

This course is targeted at surgeons and other specialists with and interest in learning about how to plan, create and submit a research paper.

Course Objectives

By the end of this course, the participants will be able to:

1. Identify the importance of clinical research and formulate study question;
2. Formulate a detailed plan of conducting a literature search;
3. Pose a research question that is answerable by a systematic review;
4. Know sampling techniques and data collection procedure;
5. Know about validity and biases in research;
6. List different types of research studies with its advantages and disadvantages;
7. Understand the basic concepts of statistics.

Chairpersons

Assous
Lazáry

Muhammed
Áron

Amman, Jordan
Budapest, Hungary

National Faculty

Ahmad
Khader

Muayyad
Yousef

Amman, Jordan
Amman, Jordan

Project Management

AOSpine Middle East
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Friday, 31 July 2015 (Day one)

TIME	AGENDA ITEM	WHO
08:15–08:30	Participant Registration	Participants
Module 1	Introduction to Clinical Research At the end of this session participants will be able to identify the importance of clinical research and formulate a study question.	
08:30–08:45	Welcome – introduction of the course, participants, AOSpine	Muhammed Assous
08:45–09:00	Evidence Based Medicine	Muhammed Assous
09:00–09:15	SMART-B approach to clinical research	Áron Larzáry
09:15–09:30	Good Clinical Practice	Áron Larzáry
Module 2	Initiation—SSS	
09:30–10:00	Study question (PICOT, PPO model)	Áron Larzáry
10:00–10:30	Workshop 1: Forming the study question and discussion	Áron Larzáry with all faculty
10:30-10:50	COFFEE BREAK	
10:50-11:35	Literature search and reference managers	Muayyad Ahmad
11:35 -12:05	Study design – type of studies	Áron Larzáry
12:05-13:05	Workshop 2: Literature search and draft of the study plan and discussion	Muayyad Ahmad with all faculty
13:05–15:00	FRIDAY'S PRAYER & LUNCH BREAK	

Friday, 31 July 2015 (Day one)

TIME	AGENDA ITEM	WHO
15:05 - 15:35	What are a systematic review and a meta-analysis?	Muayyad Ahmad
Module 3 Study sample—study measuremets At the end of this session participants will be able to formulate a detailed plan of conducting a research review		
15:35-15:50	Measurement categories (data types)	Áron Larzáry
15:50 - 16:05	Data collection, database	Áron Larzáry
16:05-16:20	Sampling and randomization techniques	Muayyad Ahmad
16:20-17:20	Workshop 3: Definition of outcome measures	Áron Larzáry with all faculty

Saturday, 1 August 2015 (Day two)

TIME	AGENDA ITEM	WHO
Module 4	Analysis At the end of this session participants will be able to list different types of research studies and their advantages and disadvantages, know sampling techniques and data collection procedure, Know about internal and external validity and biases in research	
08:30–08:45	Clean up your database	Áron Larzáry
08:45–09:30	Principles of basic statistical methods	Yousef Khader
09:30–10:00	What can help in your statistics? (SPSS and others)	Yousef Khader
10:00-10:20	COFFEE BREAK	
10:20 - 11:50	Workshop 4: Statistical answer on research questions (SPSS)	Yousef Khader with all faculty
Module 5	Resources, Timing, Bias At the end of this session participants will be able to understand the basic concepts of resources, timing and bias.	
11:50 - 12:10	Think as a project manager	Áron Larzáry
12:10 - 12:20	Importance of human resources	Áron Larzáry
12:20 - 12:30	Financial issues	Áron Larzáry
12:30-13.30	LUNCH BREAK	

Saturday, 1 August 2015 (Day two)

TIME	AGENDA ITEM	WHO
13:30 - 13:50	Type and reduce of bias	Y ousef Khader
13:50 - 14:50	Workshop 5: Project plan of your research	Áron Larzáry
Module 6	Publication of results At the end of this session participants will be able to list ...	
14:50 - 15:05	Tables and figures	Áron Larzáry
15:05 - 15:25	COFFEE BREAK	
15:25 - 15:40	Pearls of a presentation	Muayyad Ahmad
15:40 - 15:55	Scientific writing	Yusuf Khader
15:55 - 16:10	Scientometrics (journals, personal)	Muayyad Ahmad
16:10 - 17:40	Workshop 6: Presentation of the whole research project	Muayyad Ahmad
17:40 - 17:50	Feedback, and close of the Course	Muhammed Assous

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General Information

Event Venue

University of Jordan
Amman
Jordan
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E-mail:

Course Management

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Information and Registration

Online: <http://AMMAN1507.aospine.org>
Online registration.

Course fee

AOSpine Members	USD180.- (10% discount)
AOSpine non-members	USD200.-

Included in course

Coffee breaks, lunches, course certificate, and AOSpine SMART Approach to Spine Clinical Research book.

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.

Intellectual property

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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.

Your advantages

1. Benefit from lifelong learning opportunities.
2. Advance with our latest research discoveries.
3. Privileged networking opportunities within the largest global spine surgeon community.

Education and Career Development



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Scolisoft

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AOSpine News App

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spine journals



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membership@aospine.org

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

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

1. This event is for the benefit of the AOSpine community
2. The objective is to offer the highest quality education in spine surgery

2. Academic Independence

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

3. Branding

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

4. Product Usage

10. Products may only be visible in a neutral setting, ie, free from any corporate branding
11. 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
12. 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
13. Such workshops may only be run by members of this event's faculty
14. Surgical technique manuals may be made available to participants upon request

5. Venue & Personnel

15. This event may not be held at the premises of any industry partner
16. The presence of industry partners is solely to provide discrete background logistical support
17. The ratio of each industry partner's representatives to participants at this event may not exceed 1:10
18. Industry partners may join meals and breaks, but may not use these as sales opportunities
19. The aggressive use of this event as a sales opportunity is not permitted

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.






Advancing
spine care
worldwide



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