

Event program

AOSpine Principles Course— Spinal Trauma and Infection

July 21–22, 2016

Lusaka, Zambia

Welcome to Lusaka

Dear colleagues,

AOSpine counts surgeons, researchers, ORP, and any healthcare professionals interested in spine from all five continents among its members and includes some of the world's foremost experts and thinkers in the field of spine surgery.

We are a member-oriented, member-driven organization. Every AOSpine member is free to choose to actively participate and contribute to the atmosphere of collaboration, cooperation, and mentorship within AOSpine.

AOSpine can provide educational, research, consulting, and networking opportunities to enrich the knowledge and enhance the career of any spine surgeon. AOSpine invests in spine research and offers state-of-the-art training courses, as well as fellowship programs and congresses which augment a surgeon's knowledge of spine principles and techniques, and enabling him or her to establish and nurture professional relationships within their country and around the world. Our purpose and responsibility is to shape our members' skills and understanding of spine principles; to establish new values and incentives for the creation of knowledge, the sharing of wisdom, and the development of new tools and techniques that improve patient care, patient outcomes, and the cost effectiveness of spine surgery.

It is never too soon or too late to learn. This is the core philosophy that drives AOSpine's educational activities.

AOSpine aims to go above and beyond classical teaching: the goal is to challenge current paradigms, provoke thought, and open the mind to new ideas and skills.

Sincerely,



Brian Sonkwe

Chairperson
Lusaka
Zambia



Norman Fisher-Jeffes

Educational Advisor
Cape Town
South Africa

AOSpine Curriculum

This educational event carries the AOSpine Curriculum logo. This indicates that the program, content, and objectives have been developed based on the Curriculum framework and that the event meets the implementation criteria defined by the AOSpine Education Commission (AOSEC). For more information, visit www.aospine.org

Course Description

This spine course intends to cover the general principles in recognizing, diagnosing and managing trauma, infections and degenerative conditions of the spine. The course will be split in two parts with Sessions on lectures covering various topics about trauma, infections and degenerative spine, and the Sessions on practicals with case scenarios and hands training on saw bones.

Target Participants

The target participants for the course includes medical personnel involved in the care of spine patients. It could include nurses who are involved with care for spinal patients on the ward and in theatre, physiotherapists, GPs, general surgeons, orthopaedic surgeons and spinal surgeons at principles level.

Course Objectives

After the course, participants should be able to:

- Describe the presentation, evaluation and management of a patient with trauma, infection and degenerative spine conditions
- Describe the principles of management of suspected SCI at the scene of accident and application of traction before definitive management in the specialised unit.
- Perform basic anterior discectomy in the C-spine and also learn and perform the basic principles in Pedicle screw fixation on saw bone.

Accreditation

An application has been made to the UEMS-EACCME® for CME accreditation of this event. An application has been made to Eucomed for compliance approval of this event.

Chairperson

Brian Sonkwe

Lusaka, Zambia

Educational Advisor

Norman Fisher-Jeffes

Cape Town, South Africa

Faculty

Yash Pal Gureja

Shahzad Khan

Valentine Mandizvidza

Mykhaylo Dmytriyev

Elijah Muteti

John Ouma

Alex van der Horst

Gaborone, Botswana

Johannesburg, South Africa

Harare, Zimbabwe

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Project & Registration Manager

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Thursday, July 21, 2016

| TIME | AGENDA ITEM | WHO |
|--------------------|---|------------------------|
| 7:30–8:15 | Participant Registration | |
| 8:15–8:20 | Introduction to the Course | B Sonkwe |
| 8:20–8:30 | Introduction to AOSpine | N Fisher-Jeffes |
| 8:30–10:40 | Session 1: General Management of the Spine injured patient | N Fisher-Jeffes |
| 8:30–8:50 | How does the Spine Trauma patient present acutely? Including ATLS and associated injuries and Discussion | A van der Horst |
| 8:50–9:10 | Physical and Neurological assessment of a Spine Trauma patient and Discussion | XXX |
| 9:10–9:25 | An approach to the Radiological assessment of the Spine Trauma patient | S Khan |
| 9:25–9:40 | Initial immobilisation techniques & closed reduction of the Spine Trauma patient (Cones calipers) | V Mandizvidza |
| 9:40–10:40 | Workshop A: a) Physical & Neurological assessment (15') b) Approach to C/T/L X-rays (15') c) Immobilisation techniques (15') d) Cones calipers application (15') | All |
| 10:40–10:55 | COFFEE BREAK | |
| 10:55–15:15 | Session 2: Cervical Spine Trauma classification and management | J Ouma |
| 10:55–11:15 | Occipito-atlas injuries Classification and management and Discussion | M Dmytriiev |
| 11:15–11:35 | Fractures of C2 / C3 Classification and management and Discussion | J Ouma |
| 11:35–11:55 | Classification of lower cervical spine fractures and Discussion | B Sonkwe |
| 11:55–12:15 | Management of lower cervical spine fractures and Discussion | A van der Horst |
| 12:15–13:15 | LUNCH BREAK | |
| 13:15–14:15 | Workshop B (Case Discussions): a) Upper cervical spine (15') b) Lower Cervical spine (15') c) Who to operate—X-ray discussion (15') d) Who can be managed conservatively (15') | All |
| 14:15–15:15 | Workshop C (Practical training): Anterior cervical discectomy and plate | N Fisher-Jeffes |
| 15:15–15:30 | COFFEE BREAK | |

Thursday, July 21, 2016

| TIME | AGENDA ITEM | WHO |
|--------------------|--|---------------|
| 15:30–17:15 | Session 3: Thoraco-Lumbar Fractures Classification and Management | XXX |
| 15:30–15:50 | Classification of thoracolumbar fractures and Discussion | V Mandizvidza |
| 15:50–16:10 | Management of thoracolumbar fractures and Discussion | S Khan |
| 16:10–16:35 | Case Discussions: Stable burst fracture and Type C fracture | XXX |
| 16:35–16:55 | Spinal cord injuries & Syndromes and Discussion | J Ouma |
| 16:55–17:15 | Spinal Rehab and Discussion | S Khan |

Friday, July 22, 2016

| TIME | AGENDA ITEM | WHO |
|------------------|---|-----------------|
| 8:00–9:45 | Session 4: Cervical Spine Degeneration | S Khan |
| 8:00–8:20 | Cervical radiculopathy and myelopathy–Pathology, clinical and radiological assessment and Discussion | J Ouma |
| 8:20–8:30 | Conservative management of cervical spondylosis | N Fisher-Jeffes |
| 8:30–8:45 | Surgical management of cervical spondylosis and Discussion | XXX |
| 8:45–9:45 | Workshop D (Case Discussions): a) Degenerative C-spine xrays b) Degenerative MRI scans c) Radiculopathy & Myelopathy d) Decision making and management options | All |
| 9:45–10:10 | COFFEE BREAK | |

Friday, July 22, 2016

| TIME | AGENDA ITEM | WHO |
|--------------------|---|------------------------|
| 10:10–15:00 | Session 5: Thoracic & Lumbar degenerative conditions | N Fisher-Jeffes |
| 10:10–10:25 | An approach to back pain including red flags | A van der Horst |
| 10:25–10:45 | Lumbar disc prolapse—Pathology management and complications and Discussion | S Khan |
| 10:45–11:05 | Spinal stenosis / Spondylolesthesis—Decision making and management options and Discussion | N Fisher-Jeffes |
| 11:05–11:20 | Non specific back pain—Management options | S Khan |
| 11:20–11:40 | How does HIV present in the spine? and Discussion | E Muteti |
| 11:40–12:40 | Workshop E (Case discussion): a) An approach to degenerative xrays b) Degenerative MRI's c) How to examine the degenerative back d) Epidural & facet blocks | All |
| 12:40–13:30 | LUNCH BREAK | |
| 13:30–15:00 | Workshop F: Lumbar pedicle screw fixation | All |
| 15:00–15:20 | COFFEE BREAK | |
| 15:20–17:50 | Session 6: Thoracic / Lumbar Spine infections & Common Tumours | XXX |
| 15:20–15:40 | How does TB present in the spine? and Discussion | Y Pal Gureja |
| 15:40–16:00 | Non TB infections of the spine and Discussion | Elijah Muteti |
| 16:00–16:30 | Introduction to spinal tumours and Discussion | XXX |
| 16:30–17:30 | Workshop G (Case discussion): a) X-ray and MRI findings in TB b) X-ray and MRI findings in tumours c) Medical work up for TB and Tumours d) Medical and surgical options in TB & tumours | All |
| 17:30–17:50 | Feedback session and final remarks | All |

General Information

Event Venue

Taj Pamodzi
Church Road
10101 Lusaka
Zambia
www.tajhotels.com/business/taj-pamodzi-lusaka/default.html

Registration fee

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|---------------------|----------|
| AOSpine Members | USD 40.– |
| AOSpine non-Members | USD 50.– |

Included in course fee

Conference bag with documentation, coffee breaks, lunches and course certificate.

Payment options

Online on the AOSpine website directly at <http://LUSAKA1607.aospine.org>

No insurance

The course organization does not take out insurance to cover participants against cancellation of course, accidents, or other risks.

Security

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.

Photography

Photos taken during the event may be used as AOSpine promotional material. Please inform the AOSpine Project Manager if you do not wish photos of yourself to be used.

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved.

Check hazards and legal restrictions on www.aospine.org/legal.

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes, and made available to the public.

Partners

This event is supported with a financial grant from the following partners:

- DePuy Synthes

AOSpine Africa 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

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

2. Academic Independence

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

3. Branding

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

4. Product Usage

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

5. Venue & Personnel

- This event may not be held at the premises of any industry partner
- The presence of industry partners is solely to provide discrete background logistical support
- The ratio of each industry partner's representatives to participants at this event may not exceed 1:10
- Industry partners may join meals and breaks, but may not use these as sales opportunities
- The aggressive use of this event as a sales opportunity is not permitted
- The presence of industry partners at any practical workshops must remain discrete at all times

All logistics handled by partner representatives must be conducted in accordance with this and with the approval of AOSpine (event chairpersons and the AOSpine Europe division), to ensure the event's academic independence.