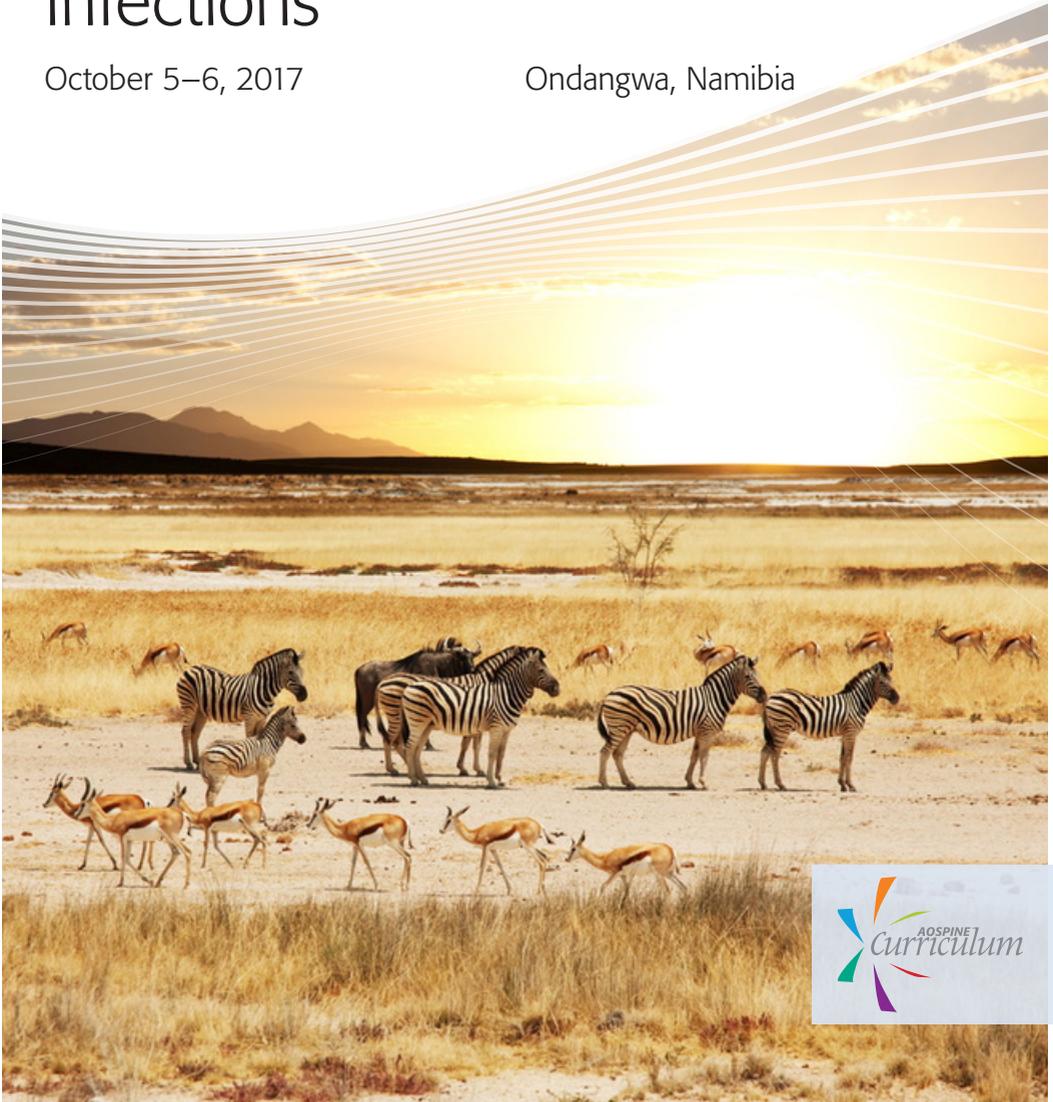


Event program

AOSpine Principles Course— Neuro-Spinal Trauma and Infections

October 5–6, 2017

Ondangwa, Namibia



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

Welcome to Ondangwa

Dear colleagues,

On behalf of AOSpine Africa we wish to welcome you to the 2nd AOSpine Principals Course to be held in Namibia. This course builds on the success of the first course held in Windhoek in 2014.

Namibia is vast, and sparsely populated country, but unfortunately boasts the highest motor vehicle accident (MVA) rate (per capita) in the world. This often results in severe head and spinal cord injuries. With the high prevalence of HIV and Tuberculosis in Sub-Saharan Africa, spinal infections have also become a common occurrence.

Traditionally this course dealt only with spinal cord injuries, but as head and neck injuries go hand in hand, we decided to add a couple of lectures and small group discussions dedicated to the acute management of head injuries.

Participants will not only benefit from the didactic lectures by experts in their field, but also have small group case discussion as well as one-to-one mentoring in the dry-bone practical stations.

The success of this course largely depends on active participation by the delegates and we encourage you to bring along clinical cases as well as interact with the faculty during the course.

Sincerely,



Alex van der Horst

Chairperson
Katutura Hospital Complex
Windhoek
Namibia



Norman Fisher-Jeffes

Educational Advisor
Panorama MediClinic
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

Event description

This course spans two full days and includes didactic lectures, small group discussions, case studies, practical stations and saw-bone workshops. The faculty are all senior specialists in the fields of neuro- and orthopaedic surgery who will share their experiences in dealing with head and neck trauma as well as spinal infections.

Target participants

This course is primarily aimed at medical officers (esp. Registrars) that are involved in the care of trauma patients as well as those working in general, orthopaedic or neurosurgery. Specialist in the field of neuro- and orthopedic surgery will also benefit from this course through the case discussions and interaction with the senior faculty. This year we also extend a special invitation to any of the COSECSA Registrars in our neighboring countries to attend our course at the massively discounted rate.

Learning objectives

After the event, participants will be able to:

- Describe diagnosis and non-operative management of mild to severe head injuries.
- Classify head injuries based on clinical signs and CT scan findings.
- Identify patients in need of urgent surgical treatment after a head injury, based on clinical and radiological signs.
- Diagnose spinal cord injuries based on the clinical and radiological screening
- Practice spinal immobilization as well as the application of cone calipers.
- Classify and manage common fractures and dislocation of the neck and back.
- Prevent secondary spinal cord injuries
- Describe the practical approach to infection and tumors of the spine

Chairperson

Alex van der Horst

Windhoek, Namibia

Educational advisor

Norman Fisher-Jeffes

Cape Town, South Africa

International faculty

Sebastian Lippross

Kiel, Germany

Regional faculty

Schalk Burger

Johannesburg, South Africa

Shazaad Khan

Johannesburg, South Africa

Nicholas Kruger

Cape Town, South Africa

John Ouma

Johannesburg, South Africa

National faculty

Michael Jario

Windhoek Central Hospital, Namibia, Windhoek

Saara Nasheya

Spinalis Windhoek, Namibia, Windhoek

Thursday, October 5, 2017

TIME	AGENDA ITEM	WHO
07:45–08:15	Registration	
08:15–09:00	Introduction of faculty and event objectives	A van der Horst
	Introduction to AOSpine	N Fisher-Jeffes
	Pre-course anonymous knowledge quiz (cranial & cervical trauma)	S Khan
Session 1 General management of the spine injured patient		
09:00–09:15	How does the spine trauma patient present acutely? (Including ATLS and associated injuries)	A van der Horst
09:15–09:30	Physical and neurological assessment of the spine injured patient	M Jario
09:30–09:45	An approach to the radiological assessment of the cervical spine in the trauma patient	N Kruger
09:45–10:00	Initial immobilisation techniques & closed reduction of the spine trauma patient (cones calipers)	S Nasheya
10:00–10:30	COFFEE BREAK	
Wokshop A Case discussions		
10:30–11:50	<ol style="list-style-type: none"> 1. Physical and neurological assessment of the spine patient 2. An approach to the Radiological assessment of the cervical spine in the trauma patient 3. Pre-hospital immobilisation techniques 4. Application of cones calipers 	All
Session 2 Cervical spine trauma classification and management		
11:50–12:05	Occipito-atlas injuries—classification and management	J Ouma
12:05–12:20	Fractures of C2 classification and management	S Khan
12:20–12:35	Classification of lower cervical spine fractures	S Lippross
12:35–12:50	Management of lower cervical spine fractures	A van der Horst
12:50–14:20	LUNCH	
Wokshop B Practical Exercise (parallel to lunch break)		
12:50–14:20	Anterior and posterior fusion using CSPL	

TIME	AGENDA ITEM	WHO
Session 3 Cranial trauma and head injury management		
14:20–14:35	How does the head injured patient present acutely? (including ATLS and associated injuries)	M Jario
14:35–14:50	Physical and neurological assessment of the patient with a head injury	J Ouma
14:50–15:05	Secondary head injuries	S Burger
15:05–15:20	Medical management of raised intra cranial pressure	N Fisher-Jeffes
15:20–15:40	COFFEE BREAK	
Workshop C Case discussions		
15:40–17:00	<ol style="list-style-type: none"> 1. CT scan indications and interpretation incl. secondary head injuries 2. Base of skull fracture clinical presentation and management 3. Approach to the patient presenting with concussion 4. Approach to Aneurysmal subarachnoid haemorrhage 	All
17:00–17:15	Pathophysiology of intra-cranial bleeds and surgical solutions	N Fisher-Jeffes
17:15–17:30	How to perform a burr hole?	M Jario
17:30–17:45	Quiz feed back, answers & closure day 1	

Friday, October 6, 2017

TIME	AGENDA ITEM	WHO
Session 4	Thoracolumbar fractures classification, management and SCI syndromes	
07:45–08:00	Pre-course anonymous knowledge quiz	A van der Horst
08:00–08:15	Classification of thoracolumbar fractures	S Lippross
08:15–08:30	Management of thoracolumbar fractures	S Khan
08:30–08:45	Spinal cord injuries and syndromes	M Jario
08:45–09:00	Spinal rehab	S Neshaya
Workshop D	Case discussions	
09:00–10:30	1. Classification of T-L fractures 2. Clinical and radiological signs of instability 3. Surgical management options 4. Spinal cord injury syndromes	All
10:30–10:45	COFFEE BREAK	
Workshop E	Practical Exercise	
10:45–12:00	Lumbar pedicle screw fixation	All
12:00–12:45	LUNCH	
Session 5	Cervical and lumbar spine degeneration	
12:45–13:00	Cervical radiculopathy and myelopathy	S Burger
13:00–13:15	Conservative and surgical management option in cervical spondylosis	N Fisher-Jeffes
13:15–13:30	Lumbar disc prolapse: pathology management and complications	J Ouma
13:30–13:45	Spinal stenosis: decision making and management options	S Burger
13:45–14:00	Spondylolisthesis: decision making and management options	N Kruger
Workshop F	Case Discussions	
14:00–15:00	1. Cervical degeneration - radiculopathy 2. Cervical degeneration - myelopathy 3. Lumbar degeneration - stenosis 4. Lumbar Degeneration - instability	All
15:00–15:15	COFFEE BREAK	

TIME	AGENDA ITEM	WHO
Session 6 Infections and tumors of the spine		
15:15–15:30	An approach to back pain including red flags	S Lippross
15:30–15:45	An approach to pyogenic infections in the spine	S Khan
15:45–16:00	An approach to TB of the spine	N Kruger
16:00–16:15	An Approach to tumor in the spine	A van der Horst
Workshop G Case discussions		
16:15–17:00	<ol style="list-style-type: none"> 1. Pyogenic infections 2. TB of the spine 3. Spinal tumors 	All
Session 7 Closing remarks		
17:00–17:15	Quiz feedback	S Khan
17:15–17:30	Summary and closure	A van der Horst

AO Foundation—Principles of AO Educational Events

1) Academic independence

Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer surgeons from the AO network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involving the expertise of the AO Education Institute (www.aofoundation.org).

Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2) Compliance to accreditation and industry codes

All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, USA (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)

Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:

- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3) Branding and advertising

No industry logos or advertising (with the exception of the AO Foundation and AO Clinical Division) are permitted in the area where educational activities take place.

Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4) Use of technologies and products in simulations

If case simulations are chosen as an educational method to educate skills, we only use technology approved by the AOTK System (AOTK)—a large independent group of volunteer surgeons developing and peer-reviewing new technology (more information about AOTK, its development and approval process can be found on the AO Foundation website: www.aofoundation.org).

5) Personnel

Industry staff is not allowed to interfere with the educational content or engage in educational activities during the event.

General information

No insurance: The event organization does not take out insurance to cover any individual against accidents, theft, or other risks.

Security: Access permitted with badge only.

Dress code: Casual

Course language: English

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Intellectual property: Course materials, presentations, and case studies are the intellectual property of the faculty. All rights are reserved. Check hazards and legal restrictions on www.aofoundation.org/legal. Recording, photographing, or copying of 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.

Event organization

AOSpine Europe:

Diana Daaboul
Project Manager
Phone: +41 44 2002 445
Fax: +41 44 2002 412
Stettbachstrasse 6
CH–8600 Dübendorf
Email: DDaaboul@aospine.org
www.aospine.org

AO funding sources: Unrestricted educational grants from different sources are collected and pooled together centrally by the AO Foundation. All events are planned and scheduled by local and regional AO surgeon groups based on local needs assessments. We rely on industrial/commercial partners for in-kind support to run simulations/skills training if educationally needed.

Event information

Event organisation compliance: In certain countries where AO has no office but offers educational events, the AO cooperates with third party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases the AO has put rules and guidelines in place (Letter of Secondment, AO Foundation—Principles of AO Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

Registration and venue

Registration fee:

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

Included in registration fee: Conference bag with documentation, coffee breaks, lunches, and course certificate.

Online registration and payment:

<http://ondangwa1710.aospine.org>

Event venue:

Protea Hotels by Marriot Ondangwa
Main Street
9000 Ondangwa, Namibia

Evaluation guidelines: All AOSpine events apply the same evaluation process with paper and pencil questionnaires. This will help us to ensure that we continue to meet your training needs.

The Global Spine Congress heads to Asia Pacific



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www.gsc2018.org