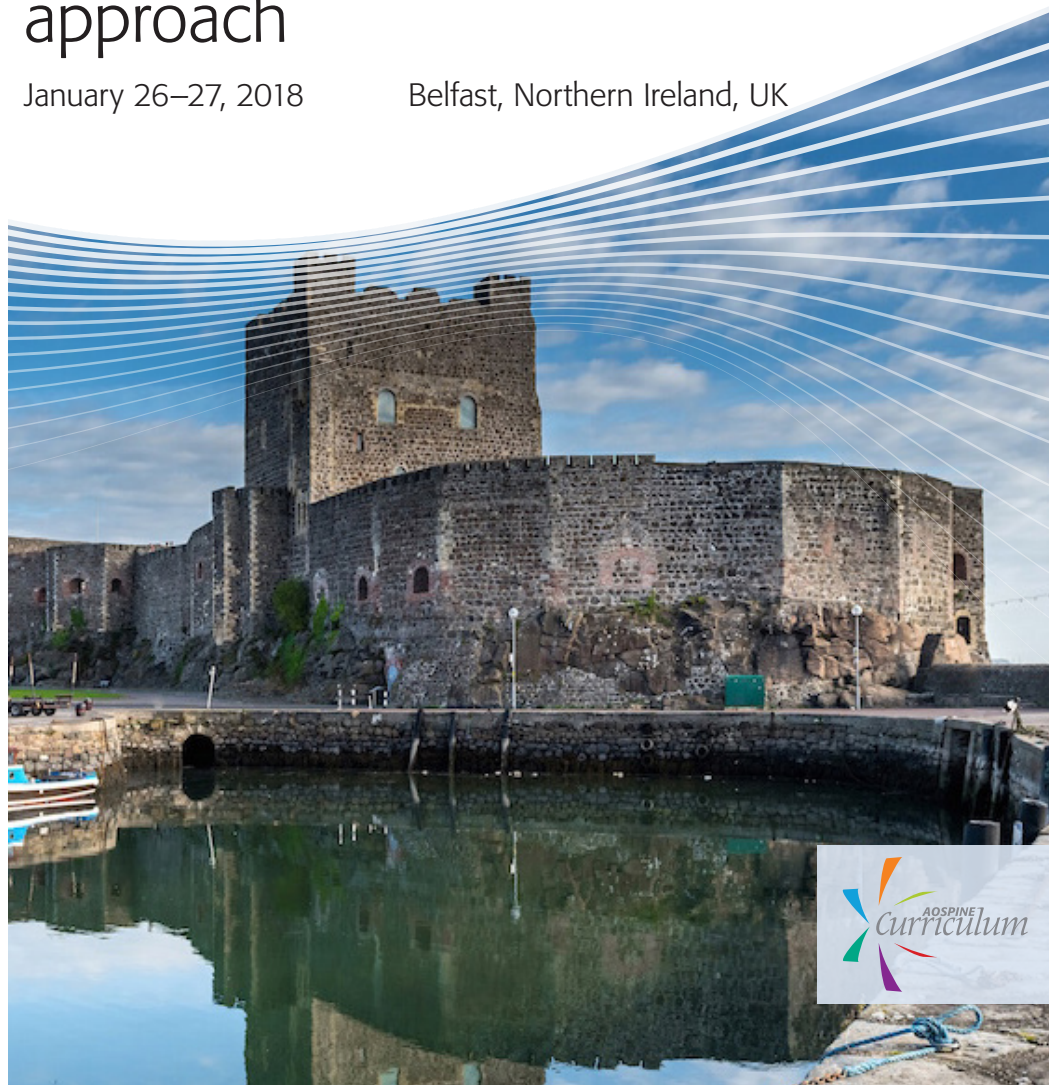


AOSpine Principles Level Specimen Course—Principles and practice of spinal surgery: A circumferential approach

January 26–27, 2018

Belfast, Northern Ireland, UK



Welcome to Belfast

Dear colleagues,

On behalf of the AOSpine team, we would like to welcome you to Belfast. A vibrant and exciting city, full of character and variety. The Belfast Trust consists of three hospitals performing the full range of spinal surgery for adults and children within a recognised AOSpine Centre. We have organised an exciting programme for you with an experienced and knowledgeable faculty to provide a different twist on the core fundamentals of spinal surgery practice.

Spinal surgery is changing rapidly and every year brings the introduction of new technologies, concepts and innovations. For the spinal surgeon starting their career, whether as a senior trainee, fellow or newly appointed consultant, there are significant challenges and obstacles. Many are due to the steep learning curve involved in trying to master such a complex surgical field. The AOSpine approach allows surgeons to develop their core skills and build upon these as their career develops.

We are looking forward to welcoming you to Belfast.

Sincerely,



Andrew O'Brien

Chairperson
Royal Victoria Hospital,
Royal Belfast Hospital for
Sick Children
Belfast
United Kingdom



Niall Eames

Co-Chairperson
Royal Victoria Hospital
Belfast
United Kingdom



Emre Acaroglu

Educational Advisor
Ankara Spine Center
Ankara
Turkey

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

The course is designed to provide you with a mix of interactive lectures, case discussions and hands-on practical experience and is based at the Department of Anatomy at Queen's University, Belfast, using fresh, frozen cadaveric material in our world-class teaching facility. The aim of the course is to build on and develop the basic principles of spinal surgery that you will have learnt during your training and provide you with challenging cases, new practical skills and an interesting and thought provoking look at core knowledge. The course consists of one day lectures and discussions and one day practical exercises.

Target participants

This course is designed for senior trainees with a career plan in spinal surgery, spinal fellows and early stage consultants from both a neurosurgical and orthopaedic background.

Learning objectives

After the event, participants will be able to:

- Select the most appropriate surgical procedure and timing for each patient based on the best available evidence
- Apply sound biological and biomechanical principles to each procedure
- Use measures to avoid preventable complications
- Recognize and manage intraoperative complications
- Identify and treat postoperative complications
- Critically analyze the benefits and risks of each operative and nonoperative intervention
- Select operative and nonoperative interventions based on the best available evidence and on the natural history
- Consider the psychosocial, cultural, and ethical implications of the recommended treatment

Chairpersons

Andrew O'Brien
Niall Eames

Royal Victoria Hospital, Belfast, Northern Ireland, UK
Royal Victoria Hospital, Belfast, Northern Ireland, UK

Educational advisor

Emre Acaroglu

Ankara Spine Center, Ankara, Turkey

Faculty

Niall Eames
Patrick Kiely
Roy McConnell
Antony Rex Michael

Royal Victoria Hospital, Belfast, Northern Ireland, UK
Our Lady's Children's Hospital, Dublin, Ireland
Royal Victoria Hospital, Belfast, Northern Ireland, UK
Northern General Hospital, Sheffield Childrens Hospital,
Sheffield, UK

Friday, 26 January, 2018

08:00–08:30 Registration

08:30–08:45 Welcome and program overview

Andrew O'Brien

Session 1

08:45–09:15	Principles of pedicle screws—mechanics, insertion and tips and tricks	Andrew O'Brien
09:15–09:45	Posterior approaches to the cervical, thoracic and lumbar spine	Niall Eames
09:45–10:15	Anterior approaches to the cervical, thoracic and lumbar spine	Antony Rex Michael
10:15–10:45	A neurosurgical perspective on handling nerve roots, dura and management of CSF leaks/dural tears	Roy McConnell
10:45–11:15	TEA BREAK	

Session 2

11:15–11:45	Discectomy—modern concepts and technologies	Patrick Kiely
11:45–12:15	Spinal stenosis—deciding where to decompress and what you need to do	Niall Eames
12:15–12:45	Laminoplasty—a novel approach or a useful tool?	Andrew O'Brien
12:45–13:45	LUNCH	

Session 3

13:45–14:15	Posterior approaches to the disc space and preparation—TLIF/PLIF	Niall Eames
14:15–14:45	Anterior cages—ALIF/Axial/DLIF/OLIF/LLIF	Patrick Kiely
14:45–15:15	How to use your bone grafts	Antony Rex Michael
15:15–15:45	Case Discussions and Q&A	All
15:45–16:05	TEA BREAK	
16:05–16:30	Vascular injuries—handling vessels to minimise problems	Patrick Kiely
16:30–17:00	Infection—an evidence-based approach	Antony Rex Michael
17:00–17:30	Case Discussions and Q&A	All

Saturday, 27 January, 2018

08:00–08:20 Arrival, change into scrubs, housekeeping, allocation to tables Andrew O'Brien

Practical session—Anterior approaches

08:20–12:00	Anterior approaches to cervical, thoracic and lumbar spine; discussion and demonstration of common approaches, including review of key anatomy and tissue handling skills (first half: supine position; second half: lateral position)	Niall Eames Patrick Kiely Roy McConnell Antony Rex Michael
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12:00–13:00 LUNCH BREAK

Practical session—Posterior approaches

13:00–15:00	Posterior approaches to cervical, thoracic and lumbar spine, including costotransverse cages for TLIF/PLIF, discectomy, decompression Posterior screw insertion points and different methods	Niall Eames Patrick Kiely Roy McConnell Antony Rex Michael
15:00–15:30	Participants' feedback; questions and take-home messages	Andrew O'Brien

Course organization and information

AOSpine EMEA:

Karin Wandschura

Project Manager

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CH—8600 Dübendorf

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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 organization 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 GBP 782 (EUR 883)

AOSpine non-members GBP 850 (EUR 960)

Included in registration fee: Course certificate, course bag, course materials, lunches & coffee breaks, dinner on 26 January

Online registration and payment:

<http://BELFAST1801.aospine.org>

Venue on 26 Jan 2018 (theoretical part):

Hastings Europa Hotel

Phone: +44 28 90676048

Great Victoria Street

BT2 7AP Belfast

Northern Ireland

<http://www.hastingshotels.com/europa-belfast/>

Venue on 27 Jan 2018 (practical part):

Clinical Skills Education Centre

School of Medicine, Dentistry and Biomedical Sciences

Queen's University Belfast

Lisburn Road

BT9 7BL Belfast

Northern Ireland

<https://www.med.qub.ac.uk/cskills/index.aspx>

Evaluation guidelines: All AOSpine events apply the same evaluation process, either online (pre- and post-event evaluation) or/ and on-site by audience response system (ARS) or paper and pencil questionnaires. This helps AOSpine to ensure that we continue to meet your training needs.

General information

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

Access: 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.



**AOSpine Masters symposium—Spinal trauma
Dublin, Ireland—October 19-20, 2018**

Chairpersons: Mike Grevitt, Niall Eames

Educational Advisor: Alberto Maximo Diez Ulloa

Save the date