**PROFESSOR DAVID RING**
Professor David Ring is the Associate Dean for Comprehensive Care and Professor of Surgery and Psychiatry at Dell Medical School (Austin, USA). Before taking up post in Austin, he was Professor of Orthopedic Surgery at Harvard Medical School and the Chief of Hand Surgery at Massachusetts General Hospital (Boston, USA). He was awarded his PhD in the psychosocial aspects of arm pain from the University of Amsterdam in 2005. He is internationally recognized for his expertise and contributions to the field of upper limb trauma, post-traumatic reconstruction in the arm, as well as the psychological and sociological aspects of upper limb pathology. He has more than 450 original peer-reviewed research publications and is a Deputy Editor at CORR and JOT.

**PROF. MICHAEL T. ARCHDEACON**
Prof. Michael T. Archdeacon is the Peter J. Stern Professor and Chairman of the Department of Orthopaedic Surgery at the University of Cincinnati College of Medicine, USA. He is committed to surgical education and research and is a Director of the OTA. He has written more than fifty peer-reviewed publications and book chapters, with particular interests in the treatment of pelvic fractures, non-unions and bone infection.

**DR. TIM SCHEPERS**
Dr Tim Schepers is a Trauma Surgeon at the AMC Trauma Unit, Amsterdam, Netherlands. He has a particular interest in foot and ankle trauma and has contributed extensively to the literature, with 135 peer-reviewed papers, including several widely quoted reviews of the literature.

**THE LISTER LECTURE**

**PROFESSOR FARES HADDAD**
Professor Fares Haddad is a Hip and Knee Reconstructive Orthopaedic and Sports Surgeon at University College Hospitals. He is also the Divisional Clinical Director of Surgical Specialties at UCH, as well as the Director of the Institute of Sport, Exercise and Health at University College London. He became a Hunterian Professor in 2005. He is internationally renowned for his expertise and has published widely in all aspects of hip, knee and sports surgery. He is the Editor in Chief of the Bone and Joint Journal (BJJ). He is also on the Editorial Boards of The Journal of Arthroplasty, Annals of the Royal College of Surgeons and Hospital Medicine.

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**UNITED KINGDOM FACULTY**
- A Baker
- M Blyth
- P Bates
- C Bruce
- A Carrothers
- R Duncan
- P Jenkins
- A MacLean
- B Ollivere
- A Trompeter
- M Walton
- A Watts

**EDINBURGH FACULTY**
- P Addison
- A Amin
- C Arthur
- T Carter
- A Duckworth
- J F Keating
- S Khan
- J McEachan
- S Molyneux
- M Moran
- A Murray
- I Murray
- J T Patton
- J Reid
- P Rust
- C Scott
- H Simpson
- T White
WELCOME TO THE 33RD EDINBURGH INTERNATIONAL TRAUMA SYMPOSIUM

As usual, there is a five-day Instructional Course, aimed at trainees and those requiring an over-view and update in orthopaedic trauma, running in parallel with a three-day Trauma Symposium, aimed at established surgeons interested in recent developments, debates, and controversies.

Highlights of these courses include:

- An experienced and enthusiastic faculty of international and national experts
- Short, focussed lectures followed by wide-ranging discussions based around carefully selected clinical cases, all located in Edinburgh’s five-star Sheraton Grand Hotel and Spa.
- Breakout sessions which encompass ‘meet the expert’ discussions and dry-bone practical labs.
- Cadaveric surgical labs at the University of Edinburgh’s historic Anatomy Department.
- Expanded breakout and cadaveric sessions focussed on combined ortho-plastic teamwork and reconstruction.

See the back cover for delegate feedback from last year’s Symposium.

Please book on line on our website, full details on page 18, where you will also find the discount codes for our Early bird discount offers.
### THE EDINBURGH INTERNATIONAL INSTRUCTIONAL TRAUMA COURSE

**12 - 16 August 2019**

This popular course provides education in orthopaedic trauma for surgeons in training, senior orthopaedic nurses and senior physiotherapists. It is also useful for experienced orthopaedic surgeons who wish to update their knowledge of orthopaedic trauma.

The level of the course is particularly useful for surgeons preparing for their orthopaedic fellowship examinations.

During the five day course all aspects of orthopaedic trauma will be covered by an experienced faculty of international and national experts. The format comprises lectures, small group discussions and hands-on labs.

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TUESDAY 13 AUGUST

UPPER LIMB INJURIES

SHOULDER
09.00 Clavicle, SCJ and ACJ injuries  I Brown
09.20 Shoulder dislocations  J Reid
09.30 Cases
10.20 Coffee

HUMERUS
10.50 Proximal humerus fractures  M Walton
11.05 Humeral shaft fractures  P Jenkins
11.15 Distal humerus fractures  J Reid
11.25 Cases
12.35 Lunch

13.45 BREAKOUT SESSIONS - ANATOMY DEPARTMENT

A  Cadaveric Approaches Masterclass  S Molyneux
B  Discussion group: FRCS cases.  J Keating

17.30 Close
THURSDAY 15 AUGUST

LOWER LIMB INJURIES

HIP & FEMUR
09.00 Hip dislocation and femoral head fractures  M Archdeacon
09.10 Intracapsular neck of femur fractures  C Scott
09.20 Extracapsular neck of femur fractures  A Trompeter
09.30 Cases
10.00 Femoral shaft fractures  A Carrothers
10.10 Distal femoral fractures  M Moran
10.20 Periprosthetic fractures  F Haddad
10.30 Cases
11.00 Cases
11.10 Coffee

KNEE & TIBIA
11.30 Tibial plateau fractures  T White
11.40 Knee dislocation and ligament injuries  M Blyth
11.50 Tibial diaphyseal fractures  P Bates
12.00 Compartment syndrome  A Duckworth
12.10 Cases

ANKLE AND PILON
12.55 Pilon fractures  A Amin
13.05 Ankle fractures  T Schepers
13.15 Cases

14.00 Lunch

14.50 BREAKOUT SESSIONS

A Drybone Upper Limb workshop:
  Distal Humeral Plating  J Reid
B Drybone Lower Limb workshop:
  Tibial Nailing  S Molyneux
C Case based discussion: The limping child  E Baird
D FRCS viva session  J Keating

15.35 Coffee

16.15 The Lister Lecture  F Haddad

17.00 Drinks Reception
FRIDAY 16 AUGUST

SPINE
09.00 Biomechanics of spinal injury A Baker
09.25 Cervical fractures S Khan
09.40 Thoracolumbar fractures A Baker
09.50 Discussion
10.00 Coffee

OPEN FRACTURES & LIMB RECONSTRUCTION
10.30 Principles of treatment A Tromperter
10.50 Soft tissue coverage P Addison
11.00 Treating missing bone A MacLean
11.10 Cases
11.40 Break

PELVIS
12.10 Resuscitation and management in polytrauma P Bates
12.20 Pelvic and sacral fractures P Bates
12.30 Acetabular fractures S Molyneux
12.40 Cases
13.20 Lunch

PASSING THE FRCS: How to pass the trauma vivas:
14.00 Clinical examination H Simpson
14.10 Viva examination – the trauma station J Keating
15.30 Close
THE EDINBURGH INTERNATIONAL TRAUMA SYMPOSIUM

14 - 16 August 2019

This well-established annual meeting updates senior orthopaedic surgeons in new trauma philosophies and techniques.

This year’s subject areas include fractures around the ankle, humerus, proximal femur and tibia; sessions on orthopaedic trials and research, and spinal injuries for the non-spinal surgeon.

The successful format of small group discussions, demonstrations and hands-on sessions will be maintained and delegates will be able to discuss a range of related topics with a faculty of international and national experts.

The meeting will be particularly useful for consultants approaching revalidation in orthopaedic trauma.

WEDNESDAY 14 AUGUST

08.00 Registration and coffee
09.30 Welcome

POLYTRAUMA Chairman: B Ollivere
09.40 Rib fractures - where are we now? B Ollivere
09.50 What’s new in major haemorrhage resuscitation? P Bates
10.00 Pain relief in the polytrauma patient P Docherty
10.10 Case-based discussion
10.40 Coffee

T White
B Ollivere
P Bates
P Docherty
PELVIS AND ACETABULUM  Chairman: T White
11.00  Acute stabilisation: binder vs ex-fix 
       vs packing vs embolisation  M Archdeacon
11.10  Acetabular fractures in the elderly  A Carrothers
11.20  Stoppa: how did we get here and 
       what’s next?  M Archdeacon
11.30  Case based discussion

PROXIMAL HUMERAL FRACTURES  Chairman: P Jenkins
11.50  Non-op or op?  M Walton
12.00  Fractures - dislocations - what’s 
       the standard?  J Keating
12.10  Predicting non-union  B Ollivere
12.20  Case based discussion
12.40  Lunch

ELBOW  Chairman: A Duckworth
13.20  Wrightington Classification - 
       3 Pillars of Wisdom  A Watts
13.30  Radial head excise fix or replace?  P Jenkins
13.40  Olecanon - what’s current?  D Ring
13.50  Distal humerus fractures in the elderly  A Duckworth
14.00  Case based discussion

PSYCHOLOGICAL ASPECTS OF TRAUMA  Chairman: D Ring
14.30  Does it affect outcome?  D Ring
14.40  The military perspective  C Arthur
14.50  What can we do to help?  S Goudie
15.00  Case based discussion
15.10  Coffee
15.30  BREAKOUT SESSIONS

Breakout 1 - Sheraton Hotel
1  Paediatric Elbow injuries  A Murray
2  What to do when it all goes wrong  M Archdeacon

Breakout 1 - University Anatomy Department
3  Tibia Plateau Fractures  J Keating/T White
4  Wrist - approaches and fixation  S Molyneux/D Ring
    A Duckworth  J McEachan

17.00  Close

5.30 - 7.00  Smith and Nephew invites you to a 
            case based discussion:
            TRICKY TIBIA FRACTURES - MASTERCLASS
            P Bates
            A Trompeter
            J Keating

Food and drinks will be provided.
THURSDAY 15 AUGUST

BJ360 - ESSENTIAL TRAUMA PAPERS

*Chairman: B Ollivere*
09.00 Introduction  
09.15 Trials  
09.30 Upper limb  
09.45 Lower limb  
10.00 Case based discussion

10.30 Coffee

TRICKY DECISIONS IN COMMON FRACTURES

*Chairman: S Molyneux*
10.50 Elderly Distal Radius  
11.00 Young Hip  
11.10 Elderly Ankle  
11.20 Humeral Shaft  
11.30 Case based discussion

12.00 Break

BIOLOGICS IN TRAUMA *Chairman: A Watts*
12.10 Where are we now  
12.20 Biologics in day to day practice  
12.30 What are the limitations?  
12.40 Case based discussion

13.00 Lunch

TIPS AND TRICKS

14.00  
D Ring  
B Ollivere  
T White  
A Watts  
P Bates  
M Archdeacon  
A Trompeter  
A Carrothers  
M Walton

15.35 Coffee

16.15 The Lister Lecture  
F Haddad

17.00 Drinks Reception
FRIDAY 16 AUGUST

NAILING TOP TIPS  Chairman: J Keating
09.00  Femur  M Archdeacon
09.10  Tibia  A Trompeter
09.20  Ankle  T White
09.30  Case based discussion

10.20  Coffee

PAEDIATRIC TRAUMA  Chairman: A Murray
10.40  Elbow Supracondylar  A Murray
10.50  Femoral Shaft  R Duncan
11.05  Adolescent Fractures  E Baird
11.15  Case based discussion

ANKLE FRACTURES  Chairman: T White
11.45  Posterior Malleolus  T White
11.55  Syndesmosis Fixation  T Schepers
12.05  Medial Malleolus  T Carter
12.15  Case based discussion

13.00  Lunch

14.00  BREAKOUT SESSION 2

Breakout 2 - Sheraton Hotel
1  Spinal injuries  A Baker/S Khan
2  Pilons  A Amin

Breakout 2 - University Anatomy Department
3  Elbow - approaches and fixation  A Watts/J Reid
4  Distal femur  S Molyneux/M Moran/C Scott

15.30  Close
SHERATON HOTEL EDINBURGH

The Trauma Symposium and Instructional Course will be held at the Sheraton Hotel, situated on Lothian Road, Edinburgh, within easy walking distance of many attractions, Festival venues, bars, restaurants and shops.

The Conference venue is convenient for bus, rail (Waverley station) and airport connections. Metered on-street and public off-street car parking is available nearby at city centre rates.

Edinburgh First - Check the website for accommodation around the city centre. During summer, you can choose Pollock Halls or one of their Edinburgh self-catering flats. +44 (0)131 651 2007 www.edinburghfirst.co.uk

POLLOCK HALLS
18 Holyrood Park Road
(The halls of residence close to Arthur’s Seat approx 1 mile from the city centre).
MEDICAL EDINBURGH

The Symposium and Instructional Course follow Edinburgh's long and distinguished tradition of medical education, with many advances pioneered in the city, and many of the world's medical schools were founded by its graduates.

Notable surgeons have included John Hunter, anatomist and founder of "scientific surgery" in the late 18th century; Robert Liston, who performed the first operation under anaesthesia (ether) in 1846; and Sir James Simpson, who discovered chloroform the following year, testing it on his dinner guests until they slid unconscious under the table!

Other "firsts" include Joseph Black physician who developed the analytical balance and discovered carbon dioxide; William Withering, discoverer of digoxin in 1785; Charles Bell, who identified the nerve functions in 1811 and founded the science of neurology; James Syme, pioneer of plastic surgery; Alexander Wood, the first hypodermic syringe in 1853; gynaecologist Robert Tait, who replaced Lister's antisepic approach with aseptic methods; and Thomas Brunton, discoverer of amyl nitrite for angina. There were many other advances, including the fields of ophthalmology, forensics and psychology.

Pioneering anatomy students had difficulty obtaining sufficient subjects for dissection, so the need was filled by grave robbers, or "resurrectionists" as the city's wits called them. In 1829 Messrs Burke and Hare streamlined the process by murdering and then selling their victims directly to the University's unquestioning surgical department. Burke was duly hanged, and a pocket book made of his skin can still be seen at the Royal College museum.

Some Edinburgh medics gained fame in other fields Joseph Bell, University lecturer and President of the Royal College of Surgeons, was the inspiration for Sherlock Holmes in the writings of his one-time student and unsuccessful GP Arthur Conan Doyle. Thomas Allinson, pioneer of exercise and healthy diet and inventor of the bread loaf that bears his name, was struck off the General Medical Council in 1894 for having the temerity to suggest that smoking might be bad for one's health.

Even Edinburgh's medical "drop outs" eventually made good; Charles Darwin gave up medical studies in 1825 after finding that an inability to stand the sight of blood was not an asset for a successful surgeon, and became the founding father of evolution. Edward Johnston abandoned medicine at Edinburgh through ill-health, and is now best known as the graphic artist who designed London Transport's world-famous bar-and-circle logo.

Early doctors were exclusively male, but some strong-minded Victorian women were determined to break the barriers. These included Elsie Inglis, active in women's rights and in establishing troop care in the Great War; and Sophia Jex-Blake, whose agitation moved parliament to force universities to grant degrees to women students. However, the world's first qualified woman doctor had trained at Edinburgh almost a century earlier, simply by dressing as a man. "James" Miranda Barry kept her secret through a distinguished career as a naval surgeon until her death in 1865.

The trail of innovation continues through Alexander Fleming, discoverer of penicillin (1928) and anti-typhoid vaccines; the UK's first successful kidney transplant (Michael Woodruff, 1960); the cloning of the famous Dolly the Sheep (Ian Wilmut, 1996); to current pioneering stem-cell research. More medical research per capita is undertaken in Scotland than anywhere else in Europe, and a new BioQuarter research park is under construction in the city to facilitate this. Today, Edinburgh is still a centre of excellence and her medical graduates are found in all parts of the world.

SURGEONS' HALL MUSEUM

Surgeon’s Hall dates from 1804, and has one of the largest pathology and surgical history collections in the UK

Opening hours:
10.00am to 5.00pm weekdays
last tour 4.30pm
website: www.museum.rcsed.ac.uk
THE EDINBURGH INTERNATIONAL TRAUMA SYMPOSIUM

The Symposium and Instructional Course are organised by the Scottish Orthopaedic Research Trust into Trauma, which was established in 1993 to promote research into orthopaedic trauma. The Trust has promoted research into different aspects of fracture management, fracture epidemiology and the evaluation of soft tissue injury in trauma. In addition it has sponsored a number of clinical fellows. All proceeds from the Edinburgh International Trauma Symposium and the Course will go to further the work of SORT-IT.

THE CITY OF EDINBURGH

Scotland’s historic and cosmopolitan capital, Edinburgh is one of the world’s foremost tourist experiences. The tall narrow buildings and closes of the medieval Old Town, and the serene classical architecture of the Georgian New Town, are set within a dramatic topography of green hills and parks. To the north, the regenerated Leith Docks provides a waterfront ambience centred on the Royal Yacht Britannia.

The Symposium and the Instructional Course take place during the Edinburgh International Arts Festival and Fringe, the world’s largest arts event, when the city is vibrant with drama, music, cabaret, and night life. The world famous Military Tattoo is a very popular event which is usually sold out by the summer - buy your tickets online as early as possible.

There is no shortage of other attractions and places of interest - the Castle, Holyrood Palace, galleries and exhibitions. The city has a wealth of historic associations including those with many pioneers of medicine (see panel right). Eating out is no problem, with a wide range of restaurants and bistros to cater for all tastes, and more than 700 bars.

Edinburgh is easily reached by air, road and rail, and is an ideal base to explore other parts of Scotland.
The Orthopaedic Trauma Society

The Orthopaedic Trauma Association is the world’s largest society for orthopaedic trauma surgeons. The association holds a major international meeting in North America each year, for details of the meeting and other events see OTA.org. The association also delivers and validates educational events. The educational content of the Edinburgh International Trauma Symposium and Instructional Course has been endorsed by the OTA.

OTS
Orthopaedic Trauma Society

The OTS was inaugurated at the Edinburgh Trauma Symposium in 2013 and is an inclusive forum for orthopaedic surgeons with a principal interest in trauma, to promote discussion, debate, research and education. Please visit our website at orthopaedictrauma.org.uk for information about our annual meeting and membership benefits.
BOOKING YOUR PLACE

£750 Fee for the 3-day Trauma Symposium (14th-16th August 2019).

£800 Fee for the 5-day Instructional Course (12th-16th August 2019).

To reserve your place on either the Symposium or the Instructional Course book and pay online via our website:

www.trauma.co.uk
or email us at: symposium@trauma.co.uk

The Organisers reserve the right to amend the programme if necessary, or to re-allocate group sessions depending on demand.

Book early to secure Viva and Cadaveric breakout places, plus Early Bird discount available until 30th April 2019 using codes below.

Instructional Course: EARLYCOURSE2019
Trauma Symposium: EARLY2019
Bota: BOTAMEMBER2019

The extra Fee to attend the Cadaveric breakouts is £50.

AHP's and Physios are also welcome for £75 per day, but can't attend the Cadaveric breakouts.

Enquiries to:
The Symposium Organiser, OPD6, Room G32 19A, Royal Infirmary of Edinburgh, Little France, Old Dalkeith Road, Edinburgh EH16 4SU; tel: 0131-242 3545; e-mail: symposium@trauma.co.uk
A trauma surgeon can see the whole picture even when there isn’t one.

Supporting healthcare professionals for over 150 years

www.smith-nephew.com
Delegate feedback from the Trauma Symposium and the Instructional Course

“Newly introduced Cadaveric sessions were a very welcome addition to the Instructional Course”

“The trauma symposium is brilliant, and speakers were very knowledgeable and experienced”

“A very organised team that took us through a range of trauma topics”

“Well organized and useful. Lectures were well organized and workshop and dissection sessions were excellent”

“A very thorough and enjoyable course. The content and depth is ideal for both an ST3 SpR and those undertaking FRCS preparation”

“Great event and I would recommend colleagues to attend”

“The symposium was fantastically organised with pertinent content throughout. The enthusiasm of all of the faculty members was outstanding”

“The cadaveric session in the setting of the anatomy room was nothing short of magical!”

“A master class of guest lecture delivery.... Engaging and thought provoking”

“Really good case discussion. Very helpful for current practice”

“We llorganized and useful. Lectures were well organized and workshop and dissection sessions were excellent”

“We llorganized and useful. Lectures were well organized and workshop and dissection sessions were excellent”

SUPPORTED BY

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symposium@trauma.co.uk.