Comprehensive educational pathway based on high level scientific content that fulfils the latest educational requirements of international HCPs through worldwide, experienced and widely respected faculty.

Orthofix Medical Education offers the opportunity to build a customised medical training in Foot & Ankle, Pediatrics, Deformity Correction and in selected Trauma markets, giving the opportunity to share medical science and build constructive long-lasting networks.

Orthofix’s progressive learning pathway consists of three levels of courses, each with well-defined learning objectives and selection criteria for delegates. It includes interactive didactic lectures, comprehensive lab sessions (dry and wet), extensive case review and moderator-led peer discussion – all intended to provide an extensive base of knowledge.
The didactic experience

This didactic experience includes face-to-face meetings and remote events, it embraces orthopedic disciplines of both Trauma and Limb Reconstruction management; in addition it also includes specific seminars for Foot & Ankle and Pediatric surgeons. Contents and programs are designed to be easily translated into professional practice and they are updated frequently due to our commitment to a continuous improvement process.

Master classes are Level 3 events for senior surgeons. These classes provide the opportunity for surgeons to debate and discuss current concepts, controversies and approaches for the most common orthopedic diseases and unique challenging cases.

Level 2 courses are geared towards specialists early or intermediate in their career who are interested in furthering their expertise and skills in specific orthopedic fields.

Starting with the fundamentals, Level 1 courses provide an overview of the basic principles of bone fixation. These courses are ideal for residents and registrars or surgeons that have not had prior experience with using extremity fixation devices.
Fundamentals of External Fixation

**Dates**
February 19-21 | December 3-5

**Duration**
2.5 days

**Venue**
Orthofix Education Center and ICLO Anatomical Laboratory, Verona, Italy

**Main topics**
- Biomechanical principles, technical and clinical aspects of basic bone fixation
- Safe corridors and safe pin insertion techniques
- Temporary and definitive fracture fixation
- Pelvic, diaphyseal and the most frequent peri-articular fractures

**Learning objectives**
- To learn the concepts of stability and their influence on bone healing, and how to apply implants to achieve appropriate bone stabilisation
- To comprehend the principles of damage control surgery and plan the initial treatment of the severely injured patient
- To treat pelvic, diaphyseal and simple peri-articular fractures using different application techniques

**Participant profile**
- Residents and registrars in orthopedic and trauma surgery
- Orthopedic and trauma surgeons including those who are early in their career
- Orthopedic and trauma surgeons with limited experience with external fixation devices
- Surgeons who want to acquire or refresh their knowledge on principles of fracture stabilisation using external fixation and to improve their independence in clinical practice

**Hands-on dry lab:** ✔

**Hands-on wet lab:** ✔
Trauma - Fragility Fractures

Dates
March 19-21

Duration
2.5 days

Venue
Orthofix Education Center and ICLO Anatomical Laboratory, Verona, Italy

Main topics
• Assessment and treatment techniques of low energy fractures of the upper and the lower limb
• Comprehensive management approach of geriatric patients and surgical outcomes of fragility fractures in the elderly population
• Troubleshooting in fragility fracture management

Learning objectives
• To become acquainted with the latest principles of multidisciplinary care in treating fragility fractures and orthogeriatric patients
• To learn and practise the surgical treatment techniques of the most common fragility fractures
• To consolidate knowledge of relevant surgical anatomy

Participant profile
Orthopedic trauma surgeons with intermediate experience who want to improve their knowledge on fragility fractures treatment and geriatric patient management.

Hands-on dry lab: ✔️
Hands-on wet lab: ✔️
Trauma - High Energy Fractures

Dates
July 2-4

Duration
2.5 days

Venue
Orthofix Education Center and ICLO Anatomical Laboratory, Verona, Italy

Main topics
• Treatment principles of complex fractures, open fractures and soft tissue injuries
• Advanced techniques for temporary and definitive external fixation
• Trauma complications and challenging issues with fracture healing
• Troubleshooting in complex trauma

Learning objectives
• To assess and manage complex diaphyseal, articular and peri-articular fractures
• To become familiar with advanced techniques for temporary and definitive external fixation, including hardware and software management of a hexapod based circular external fixator
• To consolidate knowledge of relevant surgical anatomy and techniques
• To manage trauma sequelae and problems with fracture healing

Participant profile
Orthopedic trauma surgeons with intermediate experience who want to improve their knowledge in complex fractures treatment and become familiar with complex injuries’ management.

Hands-on dry lab: ✔️
Hands-on wet lab: ✔️
Limb Reconstruction

Dates
May 14-16

Duration
2.5 days

Venue
Orthofix Education Center, Verona, Italy

Main topics
• Treatment of congenital and post-traumatic deformities with different orthopedic devices
• Assessment of limb alignment and length discrepancies
• Pre-operative planning
• Surgical skills in the use of computer hexapod assisted orthopedic surgery

Learning objectives
• To assess limb alignment and length discrepancies
• To learn advanced principles of limb reconstruction, uni- and multi-planar deformities
• To analyse and discuss preoperative planning from correct x-ray acquisition to frame assembly and application
• To manage the most frequent and challenging post-traumatic and congenital deformities
• To consolidate knowledge of relevant surgical anatomy and techniques, including hardware and software management of a hexapod based circular external fixator

Participant profile
Orthopedic surgeons with intermediate experience who want to improve their knowledge in limb reconstruction and become familiar with deformity correction techniques.

Hands-on dry lab: ✔️
Hands-on wet lab: ❌
Pediatrics

Dates
June 4-6

Duration
2.5 days

Venue
Orthofix Education Center, Verona, Italy

Main topics
- In depth knowledge of all different treatment options for pediatric trauma and deformity correction
- All steps of treatment planning (assessment, imaging, classification and decision making)
- Pre-operative planning
- Major treatment complications in pediatric patients

Learning objectives
- To give in depth knowledge of all different treatment options for pediatric trauma and deformity correction, from internal to external fixation, hardware and software management of a hexapod based circular external fixator
- To independently plan a treatment pathway for trauma and deformity correction cases with different orthopedic devices
- To analyze and discuss preoperative planning, from correct x-ray acquisition to frame assembly and application
- To be acquainted with major treatment complications, their prevention and appropriate management

Participant profile
Pediatric orthopedic and trauma surgeons, or general orthopedic and trauma surgeons with intermediate experience who want to improve knowledge and become familiar with deformity correction techniques and traumatic bone injuries in pediatric patients.

Hands-on dry lab: ✔️
Hands-on wet lab: ✗
Foot & Ankle

Dates
September 10-12

Duration
2.5 days

Venue
Orthofix Education Center and ICLO Anatomical Laboratory, Verona, Italy

Main topics
- Advanced treatment techniques in foot and ankle traumatic injuries and deformity correction cases
- Computer-assisted deformity correction for foot and ankle
- Troubleshooting in complex foot and ankle cases

Learning objectives
- To improve understanding and management abilities in foot and ankle trauma and deformity correction
- To become familiar with surgical skills in foot and ankle complex traumatic injuries
- To manage deformity correction cases in the foot and ankle anatomy: analyse and discuss preoperative planning, from correct x-ray acquisition to frame assembly and application

Participant profile
Orthopedic trauma surgeons and podiatrists with intermediate experience who want to improve their knowledge and become familiar with complex injuries and deformities of the foot and the ankle anatomical site.

Hands-on dry lab: ✔️
Hands-on wet lab: ✔️
Charcot Foot Masterclass

**Dates**
April 23-24

**Duration**
1.5 days

**Venue**
Orthofix Education Center, Verona, Italy

**Main topics**
- Novel and complex advances in surgical management and knowledge in Charcot Foot disease
- Challenging clinical case discussion amongst faculty and attendees
- Surgical pitfalls, strategic errors and complications
- Evidence-based analysis of clinical outcomes

**Learning objectives**
- To become acquainted with a multidisciplinary treatment approach based on the recommendations of the Orthofix Consensus Document
- To master surgical skills on Charcot Foot treatment
- To discuss different and new treatment techniques of Charcot Foot
- To share and discuss challenging and unique cases and examine the clinical evidence behind today’s surgical practice

**Participant profile**
Senior and experienced orthopedic surgeons and podiatrists with multiple years’ experience managing Neuropathic (Charcot) Foot and Ankle.

**Hands-on dry lab:** ✓
**Hands-on wet lab:** ✗
Pediatrics Masterclass

Dates
October 8-9

Duration
1.5 days

Venue
Orthofix Education Center, Verona, Italy

Main topics
- Novel and complex advances in surgical management and knowledge in pediatric trauma and deformity correction
- Challenging clinical case discussion amongst faculty and attendees
- Surgical pitfalls, strategic errors and complications
- Evidence-based analysis of clinical outcomes

Learning objectives
- To master different and new treatment techniques of pediatric complex trauma and deformity correction
- To share and discuss challenging and unique cases to agree on a treatment consensus
- To examine clinical evidence and surgical outcomes of today’s surgical practice

Participant profile
Senior and experienced orthopedic and trauma surgeons with multiple years’ experience in pediatric trauma and deformity correction.

Hands-on dry lab: ✔️
Hands-on wet lab: ❌
Mass Casualty Preparedness Masterclass

Dates
October 29-30

Duration
1.5 days

Venue
Orthofix Education Center, Verona, Italy

Main topics
• Mass casualty and terror attack preparedness plans
• How treatment protocols should change in case of a mass casualty
• The role of the orthopedic surgeon before and during a mass casualty event
• Evidence-based analysis of clinical outcomes

Learning objectives
• To understand the principles of mass casualty preparedness and disaster management, considering lessons learned from previous events
• To develop consensus guidelines on effective mass casualty preparedness planning and management
• To understand the differences between mass casualty trauma and civilian polytrauma injuries
• To consider the longer-term follow-up of mass-casualty patients and the management of their sequelae

Participant profile
Key stakeholders, both clinical and managerial, involved in mass casualty planning and management from civilian healthcare organisations, and those interested in acquiring knowledge in this subject.

Hands-on dry lab: ✔
Hands-on wet lab: ✗
Trauma Masterclass

Dates
November 15-16

Duration
1.5 days

Venue
Orthofix Education Center, Verona, Italy

Main topics
- Comprehensive management approach of geriatric patients and surgical outcomes of fragility fractures in the elderly population
- Challenging clinical case discussion amongst faculty and attendees
- Surgical pitfalls, strategic errors and complications
- Evidence-based analysis of clinical outcomes

Learning objectives
- To master surgical treatment and management techniques of hip fractures
- To become familiar with the latest principles of multidisciplinary care in treating ortho-geriatric patients
- To share and discuss challenging and unique cases to agree on a treatment consensus
- To examine clinical evidence and surgical outcomes of today’s surgical practice

Participant profile
Senior and experienced orthopedic and trauma surgeons with multiple years’ experience in hip fractures.

Hands-on dry lab: ✓
Hands-on wet lab: ✗
Hospital Based Observership

Hospital Based Observership (HBOs) for specific surgical procedures in both trauma and deformity correction are available in leading hospitals in South Africa and Europe.

These courses are comprised of theatre case participation, wet and dry lab workshops, clinic visits and lectures. Learning objectives are to master and to replicate independently clinical protocols and techniques experienced during the observership. These courses are designed for experienced surgeons in the specific field of the HBO.

University Hospital Tyberger, Cape Town, South Africa
Faculty: Dr. Nando Ferreira, Dr. Sean Pretorius
Duration: 5 days
Dates: Mar 12-16 | Aug 13-17
Main focus: Complex trauma and deformity correction cases mainly treated with circular external fixation devices
Fee: 2.000 €

Mediclinic Midstream Centurion, Pretoria, South Africa
Faculty: Dr. Franz Birkholtz, Dr. Philip De Lange
Duration: 5 days
Dates: Jun 11-15
Main focus: Complex trauma and deformity correction cases mainly treated with circular external fixation devices
Fee: 1.500 €

University Hospital Southampton NHS Trust, Southampton, U.K.
Faculty: Mr. Amir Qureshi
Duration: 4 days
Dates: Sep 18-21
Main focus: Complex trauma and deformity correction cases mainly treated with circular, modular and uni-cortical external fixation devices
Fee: 1.200 €
Klinikum Wetzlar, Wetzlar, Germany
Faculty: Dr. Thomas Gausepohl
Duration: 2 days
Dates: Sep 18-19
Main focus: Complex elbow fractures and post-traumatic complications
Fee: 1.000 €

Maria Cecilia Hospital, Cotignola, Italy
Faculty: Prof. Luca Dalla Paola
Duration: 2 days
Dates: May 28-29  |  Jul 4-5  |  Oct 17-18
Main focus: Multidisciplinary approach in managing Neuropathic (Charcot) Foot and Ankle
Fee: 1.000 €

Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Switzerland
Faculty: Prof. Olivier Borens
Duration: 5 days
Dates: upon request, to be set together with the CHUV administration and the faculty
Main focus: Complex trauma, post-traumatic complications and septic cases treated with circular, modular and uni-cortical external fixation devices; proximal femoral fractures
Fee: 1.500 €

SALRM - South African Limb Reconstruction Meeting, Somerset West, South Africa
Faculty: Dr. Franz Birkholtz
Duration: 3 days
Dates: Apr 19-21
Main focus: This annual meeting is in its 9th year and the focus is on TL-HEX applications in complex trauma and its sequelae. The format will be interactive with ample opportunity for learning through lectures, panel discussions, hands-on workshops as well as case discussions. At the end of the course, the delegates will be comfortable in applying limb reconstruction principles to the management of trauma and its sequelae.
Fee: 1.250 €
## Products and Courses

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<th>Products</th>
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<td>CHIMAERA HIP FRACTURE SYSTEM™</td>
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*Hardware only
## Courses | Fees

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<tr>
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<th>Level</th>
<th>Date</th>
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<tbody>
<tr>
<td>Fundamentals of External Fixation</td>
<td>L1</td>
<td>Feb 19-21</td>
<td>1,000 €</td>
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<tr>
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<td>L1</td>
<td>Dec 3-5</td>
<td>750 €</td>
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<td>1,000 € / 750 €</td>
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<tr>
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<td>L2</td>
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<td>1,500 €</td>
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<tr>
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<td>L2</td>
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<td>Charcot Foot Masterclass</td>
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<td>Nov 15-16</td>
<td>1,000 €</td>
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## Disclosures

- All courses are subject to Compliance approval, additional information to follow.
- For compliance reason, the Course Sponsorship is subject to certified course attendance, therefore you must attend the entire meeting and sign daily the Attendance Log sheet. You should be aware that non-attendance will result in full payment of the course fee by the attendee. Upon return, each participant will receive an email with his/her Certificate of attendance only with 100% presence recorded.
- Due to Orthofix corporate code of business conduct and the Eucomed guidelines on Interactions with Healthcare Professionals, Orthofix cannot book, reserve and in particular pay anything for accompanying persons. In case you travel with an accompanying person, please note that you will have to pay the associated expenses directly to the restaurants and/or the hotel.
- Subject to the new privacy regulation, course attendance will be allowed only before signing the specific disclosure document with Orthofix.
Orthofix is committed to research, innovation, education and training in all of its activities. It recognizes that bona fide medical research, education, and enhancement of professional skills contribute to patient safety and increase access to new technology. Accordingly, Orthofix makes education and training available to Healthcare Professionals to facilitate the safe and effective use of Orthofix products.

Cancellation

By Distributors
Any notification of cancellation should be sent in writing to the Event Managers attention by e-mail 6 weeks prior to the course in order to give the opportunity to replace the candidates and, thus, avoiding to cancel the course. After the term stated above, courses cancellation and no shows will be charged 80% of the course fee.

By the Organizer
If the Organizer needs to cancel or reschedule a course due to insufficient registrations, a notification will be sent a minimum of 5 weeks prior to the commencement of the course. In this case all registered HCPs will be offered the options of booking on an alternative course in the future.
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Android version (Google Play Store) for Android tablet
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