



Welcome to the first edition of O Trauma — a desktop source for trauma updates and clinical resources. Thank you to Drs. Easley, Bernard, Chang and Wang who contributed comments and case studies for this inaugural issue.

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Santa Monica, California

Medical Education Programs

Orthopedic Trauma Fellowship



Orthopedic Trauma Fellowship

A multi-week training session for residents and surgeons providing postoperative, surgical and postoperative trauma care. The fellowship is hosted at the Orthopedic Department of Vittorio Emanuele

Hospital in Catania, Sicily. The hospital was established in 1445 and is affiliated with the University of Catania. The Orthopedic Department counts 12 surgeons, 25 residents, eight operating rooms and treats, on average, 1,700 trauma cases a year.

Catania was founded by the Greeks in 729 B.C. and is rich in culture. It is located by the Etna volcano along side the beautiful Mediterranean Sea.

"Medical education is very important at Orthofix," said Bob Wigginton, Orthofix Sr. Global Marketing Manager. "We need to provide opportunities for surgeons to train on new

Ankle Arthrodesis with the Sheffield Ring Fixator and Surgical Video

By Dr. Mark Easley

Duke University
Durham, North Carolina




After completing his foot and ankle fellowship, Dr. Easley of Duke University in Durham, North Carolina, felt very familiar with internal fixation for ankle arthrodesis. Over time, he began to encounter patients who presented with prior infections, among other difficulties. He tried external fixation as an alternative for ankle fusion with these patients. From the first external fixator he applied, the results were good. He says it is

techniques and our products. The Orthopedic Trauma Fellowship program does that in a setting where the participating surgeon can get hands on experience in a unique and friendly environment. This program offers an excellent opportunity for both attending and fellows."

» [Click here](#) for a Fellowship application form.

US contact: mistythurman@orthofix.com

International contact: susannasalvagno@orthofix.com

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Very Important Surgeon Program



A 1½ day program held in McKinney, Texas that offers a customized educational program on products of interest to the surgeon, and includes a tour of the Orthofix production facility,

workshops with our products, and interaction with key Orthofix employees.


Dr. Tom Chang

Redwood Orthopedic Surgery Associates
Santa Rosa, California

"The hospitality from Orthofix and the professionalism from all the staff members was tremendous. With all their exciting research taking place, Orthofix is a growing company poised to do some great things in the years to come."

» [View the 2006 Orthofix VISP surgeons](#)

Contact: kirkmuskina@orthofix.com

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Verona Program



The Orthofix Srl education facility is the center of our Verona, Italy surgeon seminars. Held in our newly designed training center, with respected surgeon faculty from around the world, these multi-day courses address a variety of topics in orthopedics for various surgical specialties and include hands-on workshops. More than 1,000 delegates from all over the world attend these lectures each year.


Dr. Josh Bernard, of the James A. Haley Veterans Administration Hospital and the University of South Florida College of Medicine, attended the Verona course in April 2006 to learn more about what European surgeons are doing in external fixation and to become more familiar with Orthofix products.

"I have taken numerous courses, both in the states and abroad and found the Verona course to be the most professional and accommodating program I have ever attended," he said. Dr. Bernard is comfortable using the Orthofix Sheffield Ring Fixator and since the course has applied more than 19 frames.

in thanks to external fixation systems like the Orthofix Sheffield Ring Fixator.

To view Dr. Easley's video visit the orthofix.com website on the Sheffield Ring Fixator product page, or [Click here](#).

Contact: bobwigginton@orthofix.com

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Clinical Updates

Bone mass is preserved in a critical-sized osteotomy by low energy pulsed electromagnetic fields as quantitated by in vivo micro-computed tomography

By Michael O. Ibiwoye a, Kimerly A. Powell a, Mark D. Grabiner a,b, Thomas E. Patterson c, Yoshitada Sakai a, Maciej Zborowski a, Alan Wolfman c,1, Ronald J. Midura a,1

The effectiveness of non-invasive pulsed electromagnetic fields (PEMF) on stimulating bone formation in vivo to augment fracture healing is still controversial, largely because of technical ambiguities in data interpretation within several previous studies. To address this uncertainty, we implemented a rigorously controlled, blinded protocol using a bilateral, mid diaphyseal fibular osteotomy model in aged rats that achieved a non-union status within 3–4 weeks post-surgery. [More...](#)

Contact: kategehret@orthofix.com for the full text article.


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Unstable pertrochanteric femoral fractures

By Kregor PJ, Obremsky WT, Kreder HJ, Swionkowski MF; Division of Orthopaedic Trauma, Department of Orthopaedics and Rehabilitation, Vanderbilt University, Nashville, TN 37212, USA.

Fractures in the trochanteric region of the femur are classified as AO/OTA 31-A, as they are extracapsular. This report analyzes the relatively rare 31-A3 fracture, which has also been referred to as an "intertrochanteric femur fracture with subtrochanteric extension," "reverse obliquity intertrochanteric femur fracture," "unstable intertrochanteric femur fracture," or a "subtrochanteric femur fracture." [More...](#)

For the full text article, please contact Orthofix Customer Service at (800) BONEFIX or (800) 266-3349.

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Case Study: [Orthofix Physio-Stim](#)

Dr. James Wang


Parkside Medical Center
Santa Monica, California

"I would highly recommend the Verona course to my colleagues and would love to take another course."

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For more Orthofix exhibits and events, [click here](#).


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Orthofix Clinical Presentations at AAOS Booth 832

At the upcoming AAOS, Orthofix will introduce new plating and nailing systems, such as the VeroNail Trochanteric System®, which combines the advantages of intramedullary nailing with high cephalic stability and the CentroNail Nailing System®, which offers antegrade, retrograde and reconstruction locking positions in one universal titanium nail. Also, [view the Contours VPS®](#), a distal radius plate which combines locking screw technology with an anatomically designed plate to achieve fixed-angle screw placement, as well as the True/Lok®, a new circular fixation system designed by surgeons at the Texas Scottish Rite Hospital. While there, experience Trinity, the multipotential cellular bone matrix from [Blackstone Medical](#), as well as their entire line of spinal implants.

Daily clinician presentations in the booth highlight experiences with these and other Orthofix products, such as the [Physio-Stim Bone Growth Stimulator](#), with two decades of proven efficacy as an alternative method to secondary surgery for established long bone fracture nonunions; the [eight-Plate Guided Growth Plate®](#), an innovative, secure implant for gradual correction of pediatric angular deformities; and the [Gottfried PC.C.P®](#), offering increased patient mobility with less patient morbidity.

For a complete listing of Orthofix booth presentations, [click here](#).

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That's Living!
PHOTO CONTEST

Share your return to a good quality of life with Orthofix!

» [Apply Here](#)

Share your patient stories and photos with us and earn recognition among your peers!



48 y/o female, presents with a cocked up hallux with dorsiflexion at the 1st metatarsophalangeal joint. Chronic swelling as well as a shortened 1st metatarsal causing submetatarsal 2 pain.




Surgery:

1. Resection of the nonunion. Placement of Osteomax
2. Application of long Pennig mini bar with multiple brackets which also distracts 1st metatarsophalangeal joint
3. Proximal 1st metatarsal and medial cuneiform lengthening with the Pennig brackets
4. Placement of Physio-Stim



External fixation off at six weeks—ambulating pain free.


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Contacts

To find your local Orthofix representative, please call Customer Service at **(800) BONEFIX** or **(800) 266-3349**.

Do you have a case study, case presentation, surgeon profile or article you'd like to share?

Send your submissions to lauriepayne@orthofix.com for considerations.

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Each year Orthofix sponsors a photo contest to stimulate discussion on key issues and solutions for orthopedic patients. We have received incredible entries showcasing a particular Orthofix product, be it a plate, fixator or bone growth stimulator. Because of this great response, we plan to offer the contest to surgeons again in 2007.

Capture a postoperative moment artistically with an Orthofix product and enter it in the Orthofix "That's Living Photo Contest," open to any U.S. practitioner or patient who has recently used any Orthofix product.

Send your entries in before Dec. 31, 2007!

» [Click here](#) for more information and entry form.

Contact: qualityoflife@orthofix.com

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