EFORT, BOA partner to educate attendees on innovative techniques across Europe

The 15th EFORT Congress in London will be held in partnership with the British Orthopaedic Association (BOA). The aim of the partnership between EFORT and the BOA is to join the educational activities of the two organisations and demonstrate the most innovative techniques in Europe, and in particular the United Kingdom, to the entire orthopaedic community.

"Since the first days of EFORT, the members of the [BOA] account for the highest numbers of participants and, with their enthusiasm and high methodical participation, they have contributed in a large way to the increasing scientific recognition of the EFORT Congress," Manuel Cassiano-Neves, MD, president of EFORT and director of the Children’s Orthopaedic Department, Hospital Dona Estefânia in Lisbon, said. "For this reason, it makes sense to have a fully integrated meeting between the two organizations during the London meeting."

In 2010, EFORT organized a combined meeting with the Spanish Society of Orthopaedics and Traumatology. However, this year is the first time that the Congress collaborated with another organisation for the entire scientific programme.

"Holding a combined Congress with EFORT provides the ideal forum for trauma and orthopaedic surgeons, residents and trainees to meet, network and exchange knowledge and ideas," said Timothy Briggs, president of the BOA and director of Strategy and External Affairs at Royal National Orthopaedic Hospital in London. "The environment is unique in creating interaction amongst colleagues from all the European countries and offers a platform for the BOA to push forward the debate on current issues affecting the trauma and orthopaedic community."

According to Cassiano-Neves, the labour movement across Europe has become more widespread and, as a result, a number of concerns have been raised regarding the standard of knowledge of orthopaedic surgeons working in Europe. For this reason, EFORT increased the inclusion of activities of orthopaedic education in Europe and representation of EFORT within the European community.

Stephen Cannon, MA, McHOrth, FRCS, MB, BCHIR, chair of the Local Organising Committee and consultant orthopaedic surgeon in the BOA, partner to educate attendees on innovative techniques across Europe.
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'First do no harm' remains guiding principle of patient care

The theme of the 15th EFORT Congress – a combined programme in partnership with the British Orthopaedic Association – is Patient Safety, the foremost priority of medical and surgical procedures worldwide.

Manuel Cassiano-Neves, MD, president of EFORT and director of the Children's Orthopaedic Department, Hospital Dona Estefânia in Lisbon, Portugal, and Pierre Hoffmeyer, MD, president of EFORT and chairman of the department of surgery at the University of Geneva, will moderate and chair the Patient Safety Symposium on Wednesday, 4 June.

According to Cassiano-Neves, it was not until the late 1990s that countries began to recognize patient safety errors as a potential harm of medical practice and a cause of disability and death. In 2002, the World Health Organization (WHO) labeled “patient safety” a serious global public health concern, and estimated that as many as one in 10 patients are harmed while receiving hospital care in developed countries.

According to Sir Cyril Chantler, [the chairman of University College London Partners and non-executive chairman of the Quality and Clinical Risk Committee of NHS England], medicine was once simple, ineffective and relatively safe,” Cassiano-Neves said. “Now it is complex, effective and potentially dangerous. Errors may arise for different reasons, such as medication errors, surgical complications, device complications and identification errors.”

The symposium will include five presentations: “Clean Care is Safe Care,” “Antibiotic Prophylaxis,” “Surgical Checklist,” “The EU Action on Patient Safety” and “Socio-political Aspects of Patient Safety.”

Didier Pittet, MD, MS, CBE, professor of medicine, Hospital Epidemiologist and director of the Infection Control Programme andWHO Collaborating Centre on Patient Safety at the University of Geneva Hospitals and Faculty of Medicine in Geneva, will address the importance of hand hygiene as advocated in the “Clean Care is Safer Care” WHO initiative.

Benedetta Allegranzi, MD, a specialist in infectious diseases, tropical medicine, infection control and hospital epidemiology at WHO, will discuss the proper use of antibiotic prophylaxis. The misuse of antibiotics is a major concern for surgeons and patients as they often become ineffective and could lead to a selection of malignant bacterial strains that may become resistant to the antibiotics.

According to Frederick M. Azar, MD, chief of staff at the Campbell Clinic and professor and director of the sports medicine fellowship programme at the University of Tennessee-Campbell Clinic department of orthopaedic surgery, the right patient, at the right time, for the right procedure, in the right place must become routine for all operating room personnel up to and including the lead surgeon. In his presentation, Azar will discuss the importance of the “surgical checklist.”

During the “EU Action on Patient Safety” presentation, Agnieszka Daval-Cichon, policy officer in Directorate General Health and Consumers of the European Commission, will discuss the most current projects centered on patient safety as supported by the European Union.

Finally, Sir Liam Donaldson, WHO’s Envoy for Patient Safety and chairman of the Independent Monitoring for the Polio Eradication Programme, will discuss the importance of delivering appropriate care and how failure to deliver this may cause socio-political consequences that could expand much further into society.

“The symposium will focus on simple aspects that can make our practice safer and improve the outcome of our patients,” Cassiano-Neves said. “Our goal for the symposium will be achieved if the level of consciousness for a safe surgical practice will reach the orthopaedic surgeons present at the meeting. We also aim to establish key messages to raise the awareness of this problem in every surgeon.”

The Patient Safety Symposium will be held on Wednesday from 17.00 – 18.30 in the London Auditorium.
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EFORT, BOA welcome attendees to 15th EFORT Congress in London

The European Federation of National Associations of Orthopaedics and Traumatology, the British Orthopaedic Association and the Local Organising Committee are pleased to welcome attendees to the 15th EFORT Congress—a combined programme in partnership with the British Orthopaedic Association. The main theme of the 15th EFORT Congress is Patient Safety.

“The theme of the conference in general is Patient Safety, which not only implies doing the right operation on the right patient at the right time, but also implies choosing reconstructive options that will last as long as possible and avoiding complications—particularly infection—which continues to blight orthopaedic surgery,” said Stephen Cannon, MA, MChOrth, FRCS, MB, Behr, chair of the local organising committee and orthopaedic surgeon in the department of orthopaedic surgery at the Royal National Orthopaedic Hospital in London. “There are also sessions, particularly valued by the British Orthopaedic Association, on the global explosion of orthopaedic requirements—made all the more important because of the increasing longevity of the population.”

The planned programme for 2014 includes the popular full-day Comprehensive Review Course and the Advanced Course in Total Hip and Total Knee Arthroplasty. The programme also includes specifically targeted sessions such as Nurse Day and Tribology, the science and engineering of interacting surfaces in relative motion, as well as 20 Instructional Lectures consisting of state-of-the-art information on the most popular topics in the field.

“We expect more than 7,000 attendees and significant participation from the British orthopaedic community, as we have built a combined programme in partnership with British Orthopaedic Association. We have planned three intense days of scientific exchange based on 240 sessions running in 17 parallel rooms,” Enric Caceres Palou, MD, PhD, FRC, EFORT scientific committee chairman and head of the orthopaedics and traumatology department at IMAS Hospitals del Mar i l’Esperança in Spain, said.

According to Palou, of the 4,474 abstracts submitted for this year’s Congress, 2,465 were accepted and will be presented onsite. The accepted abstracts include 767 free papers, 99 clinical cases, 1,560 posters and 15 videos.

Additionally, there will be 19 various European Specialty and Collaborating Societies that will simultaneously host their own presentations during the Congress.

The key topics to be discussed during the sessions include patient safety, bone healing (Diamond concept), sports (arthroscopy and meniscus), innovative concepts in total hip arthroplasty, ankle fusion or arthroplasty, prevention of intraoperative and early postoperative complications, fragility fractures in children, difficult cases in orthopaedics and traumatology treated with microvascular reconstruction, trauma and orthopaedics in conflict settings, nanoscience and nanotechnology in orthopaedics, the initial care of patients with spinal cord trauma, advances in upper limb tumor reconstruction and Dupuytren’s contracture treatment.

The Michael Freeman and Erwin Moncher Honorary lectures, which will be delivered by two highly distinguished orthopaedic surgeons, and the Plenary lectures of the BOA will be included in the programme and open to all participants.

“Special sessions focusing in direct exchange between experts and participants complete a programme in which the input of the audience is a major asset with more than 75 Free Papers and Clinical Cases sessions,” Palou said.

Both the EFORT Scientific Committee and the British Orthopaedic Association urge attendees to participate in as much of the meeting as possible, as they are confident in the exceptional scientific programme and valuable educational event.
Welcome to the 15th EFORT Congress in London!

A combined programme in partnership with the British Orthopaedic Association

Wednesday 4 June 2014

Opening Session
12.00–12.30 Auditorium London

Welcome from the Local Chairman, the BOA President and the EFORT President

The American Academy of Orthopaedic Surgeons as Invited Nation

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London city guide

A metropolitan hub for culture, arts and entertainment, the city of London offers a seemingly endless list of attractions and must-see destinations. Whether looking to explore the history of London at a museum, admire the cutting-edge fashion in the shops and boutiques or catch a show at one of the city’s premier West End theatres, visitors of all interests will find something to enjoy. The warmer summer temperatures are also perfect for enjoying a stroll along the River Thames or exploring London’s numerous parks and outdoor markets.

1. Westminster Abbey
Established in 960, Westminster Abbey has been the traditional location for royal coronations and burials since 1066. Located next to the Houses of Parliament and Big Ben, Westminster Abbey is a Gothic structure housing a wealth of art, stained glass, artifacts, books and textiles and is the burial location of some of England’s most significant people.

2. Buckingham Palace
Buckingham Palace is located in the center of the city and currently serves as the residence for Her Majesty The Queen and administrative headquarters of the British monarchy. Although the interior of the Palace is only open to visitors during August and September, the beautiful façade warrants a visit, and the hour-long Changing of the Guards ceremony is a top attraction in London.

3. The Palace of Westminster
The Palace of Westminster is occupied by the Houses of Lords and Commons, the two houses of Parliament in Great Britain. The Palace of Westminster has served as the home of Parliament since 1512, but the current Palace was rebuilt after most of it was destroyed in a fire in 1834. Visitors are invited to explore the various rooms used by the British Parliament before ending in Westminster Hall, which was built over 900 years ago and is one of the only original structures that survived the fire of 1834. The Palace of Westminster is also home to Big Ben, which is the world’s largest four-faced chiming clock.

4. St. Paul’s Cathedral
St. Paul’s Cathedral sits atop Ludgate Hill, the highest point in London. The current English Baroque style cathedral was designed by Sir Christopher Wren in the late 17th century after the previous cathedral was destroyed in the Great Fire of London in 1666. Visitors can tour the Cathedral’s main floor and crypt, before climbing 271 steps to the top of the dome to enjoy stunning views of the city. The Restaurant at St. Paul’s also offers a traditional afternoon high tea.

5. The EDF Energy London Eye
Situated on the South Bank of the River Thames, The EDF Energy London Eye is 135 meters high and currently Europe’s tallest Ferris wheel. Also known as the Millennium Wheel, the Eye was formally opened on December 31, 1999, by British Prime Minister Tony Blair. The ride lasts approximately 30 minutes and offers unparalleled views of the London skyline.

6. Tower of London
This historic fortress is located on the north bank of the River Thames in central London. Founded in 1066, the Tower of London has served as a royal palace, prison and armoury, and it currently houses the Crown Jewels along with a variety of other exhibits. The Tower is protected by the Beefeaters, ceremonial guardians who now act as tour guides.

7. Harrods
Stretching over 7 floors and containing 330 departments, Harrods is the biggest department store in Europe. Even if you are only there to browse, Harrods also contains over 25 eateries for visitors to enjoy.

8. Museums
London is home to a variety of museums and galleries for visitors of all interests. The National Gallery, National Portrait Gallery and Tate Modern feature works from artists including Leonardo da Vinci, Sandro Botticelli, Diego Velázquez, Rembrandt, Claude Monet, Henri Matisse and Vincent van Gogh. Historical museums, such as the British Museum, Churchill War Rooms and the National History Museum, contain exhibits and artifacts detailing England’s rich history.

9. The Royal Parks
Covering more than 5,000 acres of land across the city, London is home to eight royal parks: Bushy Park, the Green Park, Greenwich Park, Hyde Park, Kensington Gardens, The Regent’s Park, Richmond Park and St. James Park. The parks contain hundreds of buildings, statues and memorials to admire and often host entertainment and community events.

10. Borough Market
Located just steps from the London Bridge, Borough Market is one of the largest and oldest food markets in London. With over 70 vendors, Borough Market offers a variety of fresh produce, meats, cheeses, ciders and desserts from all over the world.
Protocol helpful for young children with difficulties completing shoulder range of motion test

A study scheduled to be presented on Wednesday, 4 June, will demonstrate that the assessment of shoulder range of motion in young children is difficult due to a number of factors and they may be better served with a non-standard protocol.

Fabian Van De Bunt, MD, and colleagues will discuss how children younger than 3 years old generally are not able to complete active shoulder range of motion (ROM) tests. During an interview prior to the EFORT Congress, he said the established tool to determine shoulder ROM, the Mallet Scale, may not be the best protocol to use. He prefers the ABC Loops protocol, which is a more comprehensive system.

Van De Bunt, who is scheduled to present the study, said it was important to determine the proper age that children can reliably complete these two active ROM tests since clinical studies often use these tools to evaluate children younger than age 1.

Too young

"Under 3 years old they just do not have the ability to reliably complete an active shoulder range of motion protocol. More often than not, they don’t understand the instructions, lack the neuromuscular coordination, are too anxious, or simply just don’t want to do it. That is what we took out of this for the most part," Van De Bunt said. "The Mallet Scale is not dynamic. It evaluates only five motions with limited functional relevance and four of them weighted toward external rotation. The ABC Loops protocol, however, has a smooth arc movement that includes many functional positions in all directions of shoulder motion. You can see where the problem starts, how they cope with compensational movements or not. It helps in assessing their functional range of motion and seeing where the problem starts."

Van De Bunt and colleagues assessed 65 children from local preschools and evaluated their shoulder ROM using the Mallet Scale and the ABC Loops measurement protocol. The study included 32 boys and 33 girls, with a mean age of 3.9 years (range 0.5 year to 7 years). Children were assessed on their ability to complete the examinations and how long it took to complete each measurement protocol, according to the study abstract.

Forty-eight children with a mean age of 4.4 years were able to complete both the Mallet and ABC Loops measurement protocols; 17 children with a mean age of 2.3 years failed to complete either test.

**ABC Loops protocol**

Van De Bunt said it was clear that children younger than 3 years old could not accurately or consistently complete either of the two ROM systems. Unfortunately neither scale solves the problem of evaluating active motion in young children, but when testable the ABC Loops protocol provides better insight into the child’s function than the Mallet Scale. The literature on treatment of children with brachial plexus birth palsy using the Mallet Scale has been biased toward procedures that improve external rotation, while neglecting other measures and the intervention may have made worse, he noted.

"We think the ABC Loops protocol grades everything, meaning their full functional ROM, each position requiring an increase in

(Shoulder, continued on page 10)
Nurse Day focuses on the nurse's role in orthopaedics and advances in patient care

EFORT will host Nurse Day for the fourth year in a row at the 15th EFORT Congress on Wednesday, 4 June. During this day-long session, nurses and other allied health care providers will learn from experienced faculty members and industry representatives from across the globe about advances in orthopaedic patient care.

"EFORT is the perfect arena to support nursing's contribution to promoting optimal patient outcomes in collaboration with our orthopaedic surgeon colleagues. Nurses welcome the opportunity to attend sessions on general orthopaedics as part of the physician programme," Ami Hommel, PhD, RN, chair of the International Collaboration of Orthopaedic Nursing (ICON), associate professor of nursing at Lund University in Sweden, said. “However, as an integral part of the care team, we as nurses have our own scope of practice and a body of research on quality nursing indicators that directs evidence-supported nursing care.”

A full-day session devoted to nursing in orthopaedics is a valuable opportunity for nurses at the EFORT Congress to focus on updates and advances specific to the nurse's role.

“The programme ranges from practice at the bedside to broader professional issues,” Hommel said. “Clinical topics this year include pin site infection, neuromuscular assessment, acute compartment syndrome, DePuytren’s contracture and an evidence-based update on care of back patients, as well as other topics, presented in oral and poster format.”

Hommel is the chairperson for Morning Session 1, which takes place from 09.00 - 10.30. After a coffee break, Morning Session 2 will be moderated by Karen Hertz, RN, ANP, ICON delegate, UK, from 11.00 - 12.00. Attendees will be given a break to attend the EFORT opening session and BOA Plenary sessions from 12.00 - 15.00. During this time, posters can be also viewed.

Elaine Collins, MBA, RN, head of Clinical Services, Nuffield Health Bristol Hospital, and Hannah Pugh, RN, University College London Hospital, UK will lead Afternoon Session 1 from 15.00 to 16.30. Brian Lucas, RN, chair of the RCN Society of Orthopaedic and Trauma Nursing, UK, is the chair for Afternoon Session 2 from 17.00 - 18.30. The programme will conclude with closing remarks from Lucas and Hommel.

“Administrative initiatives to be discussed include fast tracking patients with hip fracture to reduce length of stay and maximize functional status postoperatively, as well as telephone follow up for surgical patients,” Hommel said. “Professional development initiatives include long distance mentoring and professional publication to promote outreach to orthopaedic nurses across the globe.”

Attendees of the Nurse Day programme are also invited to participate in hospital visits on Thursday and Friday. Each of the two visits is restricted to ten participants who registered beforehand. The 2-hour hospital visits include a site tour of key trauma and orthopaedic areas and meetings with senior nursing staff.

“Nurse attendees are able to visit London hospitals to observe how orthopaedic specialty care is delivered in the UK. These visits have been arranged in conjunction with nurse colleagues from the Society of Orthopaedic and Trauma Nursing (SOTN) of the Royal College of Nursing, a founding member of ICON,” Hommel said.

Thursday’s hospital visit will take place at University College London Hospital, and Friday’s visit will take place at The Royal London Hospital.

“Nurse Day at EFORT is an excellent venue to disseminate nursing research and to discuss best practice standards across both practice settings and national boundaries,” Hommel said. “We welcome the opportunity to join with orthopaedic surgeons at this prestigious gathering.”

The Nurse Day session will be held on Wednesday in the Lisbon Auditorium from 09.00 - 18.30.

Shoudler, continued from page 9

at least one parameter (elevation, adduction/abduction, internal/external rotation) and does not favor one or the other, so you get a nice balanced result," he said. "However, it is important to realize that ABC Loops measures one arm at a time, not both of them. As you can realize, it takes a lot longer to complete than the Mallet Scale."

The next step of the study is to perform the tests on children with brachial plexus birth palsy, Van De Bunt said.

Reference
Van De Bunt F. Paper #14-1027. Scheduled to be Presented at: The 15th EFORT Congress – A combined programme in partnership with the BOA; 4-6 June, 2014; London.

Source info
Fabian Van De Bunt, MD, can be reached at the VU University Medical Center, De Boelelaan 1117, 1081 HZ Amsterdam, Netherlands; email: fabianvdbutt@gmail.com.

A 4-year-old child performs the “hand behind head” of the modified Mallet scale. This is a screenshot of a four-screen video examination. Source: Van De Bunt F.

A 3-year-old child performs step two of the Cephalad loop of the ABC Loops protocol. This is a screenshot of a three-screen video examination. With ABC Loops, one arm at a time is examined. The lower frames will switch when the other arm will be examined. Source: Van De Bunt F.
American Academy of Orthopaedic Surgeons to be featured as Guest Nation

The American Academy of Orthopaedic Surgeons is the guest nation for this year’s EFORT Congress and will lead its own symposium during the meeting, “AAOS: What’s New in US Orthopaedics” on Wednesday, 4 June.

“The Academy is honored to be the Guest Nation at the 2014 EFORT Congress,” Frederick M. Azar, MD, president of the AAOS, said. “We know that many societies would be pleased to be the Guest Nation and we appreciate EFORT selecting the Academy. The EFORT Congress is well-attended and well-respected and we look forward to showcasing the Academy at this prestigious meeting.”

The symposium aims to update attendees about the latest orthopaedic techniques and approaches used in the United States.

“AAOS is pleased to present a symposium titled ‘What’s New in US Orthopaedics.’ We have put together a panel of well-respected orthopaedic surgeons from the United States,” Azar said.

In addition to Azar, who will discuss sports medicine and his experiences as the team physician for the NBA Memphis Grizzlies, other featured presenters during AAOS’s symposium include Joshua Jacobs, MD; David Templeman, MD; and Stuart Weinstein, MD. Jacobs, immediate past president of AAOS and internationally recognized hip and knee replacement surgeon, will discuss new topics in adult arthroplasty. Templeman, AAOS board member and orthopaedic trauma surgeon at Hennepin County Medical Center in Minneapolis, will address the topic of trauma, and Weinstein, AAOS 2005 president and internationally known paediatric spine surgeon specialising in scoliosis, will discuss paediatric spine surgery at the symposium.

“Our goal is to share what is new in the areas of arthroplasty, trauma, paediatric spine surgery and sports medicine,” Azar said. “However, more importantly, we hope to learn from those who are attending the symposium. We plan to include ample time for open discussion. The value of a symposium such as this is the sharing of knowledge among all attendees and the opportunity for open dialogue. We are honored to be leading the dialogue at this important programme.”

AAOS has also been advocating for patient safety, this year’s theme for the EFORT Congress, for more than a decade.

“AAOS was instrumental in the ‘Sign Your Site’ programme,” Azar said. “This programme is designed to encourage orthopaedic surgeons to personally mark with their signature the part of the body that is to be operated upon. The goal of the programme is to prevent wrong site surgery.”

This universal protocol is now mandatory for all surgeries. Using this type of communication helps to prevent surgical errors and enhance patient safety.

“We hope to share our patient safety initiatives during the Patient Safety symposium,” Azar said. “During the symposium, we are also eager to learn from others. Sharing patient safety information in this way will help patients throughout the world.”

“AAOS: What’s New in US Orthopaedics” will take place on Wednesday from 15.00 - 16.30, and the Patient Safety symposium will be held from 17.00 - 18.30. Both sessions will be held in the London Auditorium.
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