

Patient Safety

London, 4-6 June 2014

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PATIENT SAFETY

During the 15th EFORT Congress London: 4-6 June 2014

 #EFORT2014

Highlights

- Patients Safety In Fast-track Treatment In THR & TKR
- Patient Safety Symposium
- Implant Quality And Patient Safety
- The International Healthcare Time Bomb – An Avalanche Of Orthopaedics
- Today's Challenge In Patient Safety – Caring, Sharing And Innovating

"Primum non nocere" or "First do no harm" is the guiding principle of our practice. Patient safety is the foremost health issue that orthopaedic and trauma surgeons face and must tackle today.

Pierre J. Hoffmeyer, Past President of EFORT



'PATIENT SAFETY' FROM THE PHYSICIANS AND SURGEONS POINT OF VIEW...

Patient safety is the first and foremost priority of all medical and surgical endeavors. This has been recognized by physicians and surgeons long ago. "Primum non nocere" or "First do no harm" is the guiding principle of our practice. It is so important that the statement has been, through the ages, attributed to no less a master than Hippocrates the foremost figure of European medicine. Although no proof exists that he actually wrote this aphorism it seems natural to attribute it to the founding father of our profession.

In the past decades advances in anesthesia, imaging and surgical techniques to name but a few have allowed surgeons to intervene in all organs and regions of the human frame. The successes of interventional and surgical procedures have brought prodigious progress for the well-being of patients all over the world. All evidence points to even more development in all domains of medicine

There remains the hard and inescapable truth that it is only when, and no matter how sophisticated, the care is administered to the right patient at the right time, in the right place while taking the appropriate precautions, that success will be at hand. At the recent 2014 AAOS meeting it was stated that there are over 50 wrong site surgeries EVERY WEEK in the USA and of course these statistics apply generally to surgical practice all over the world. In a recent New England Journal of Medicine article¹ the conclusion states: from 2005 to 2011, rates of in-hospital adverse events did not decline significantly among patients with conditions requiring surgery*.

If we are to be credible as responsible orthopaedic and musculoskeletal trauma surgeons it is an absolute necessity to prioritize patient safety as an essential part of our surgical practice.

1. Wang Y, Eldridge N, Metersky ML et al. *N Engl J Med* 2014; 370;4;341-351. Further comprehensive details of 'Patient Safety' related symposia.

*Total hip arthroplasty was the analysed surgical procedure.



...patient safety is a major public health concern both in the EU and across the globe...

'PATIENT SAFETY' FROM THE 'EUROPEAN UNION' POINT OF VIEW...

Poor patient safety represents a major public health concern in both the EU and across the globe. In an EU survey conducted in 2010 in all Member States, nearly half the respondents felt they could be harmed by healthcare in their country.

To address this, the EU has been playing an essential role and in disseminating best practices among the Member States and in collecting comparable and evidence based data at Community level to establish efficient and transparent patient safety programmes and policies, particularly since the adoption of Council Recommendations on Patient Safety in 2009.

In a recent report looking at Member States implementation on the 2009 Council Recommendation, the European Commission identified education and training of healthcare professionals as an area where further efforts were needed. With Patient Safety as the overarching theme of this 15th EFORT Congress, we aim to deliver the best educational sessions to improve orthopaedic health care in Europe in order to achieve the highest and safest level of surgery and to also meet the increasing expectations of an ageing population that wants to maintain an active life during retirement.

...fast-track programmes have decreased hospital stay, however, significant challenges exist to improve post-discharge safety regarding risk of general medical complications...



'PATIENTS SAFETY IN FAST-TRACK TREATMENT IN THR & TKR'

Type: Instructional Lecture
Auditorium: Helsinki
Date/Time: Wednesday - June 4, 2014 | 11:00 - 12:00
Moderator: Kjaersgaard-Andersen, Per
Lecturer: Kehlet, Henrik

The multi-modal fast-track programmes have decreased hospital stay to 2-4 days after hip and knee replacement without increasing re-admissions. However, significant challenges exist to improve post-discharge safety regarding risk of general medical complications, cognitive dysfunction, rehabilitation, persistent pain, falls, dislocation, knee stiffness and infections. An increased understanding of the pathogenic mechanisms leading to individual post-discharge morbidities is required to improve outcomes.

Henrik Kehlet and Christoffer Calov Jørgensen



This symposium will highlight the need for coordinated action between politicians, surgeons, hospitals and other health care providers in an environment where mobility of patients and professional across borders is increasing.

PATIENT SAFETY SYMPOSIUM

Wednesday - June 4, 2014 | 17:00 - 18:30

Moderators: Hoffmeyer, Pierre
Cassiano Neves, Manuel
Auditorium: London | ExCel London

	Speaker	Time
Clean Care Is Safe Care	Pittet, Didier	17:00 - 17:15
Wrong Site Surgery & Surgical Checklist	Azar, Frederick M	17:15 - 17:30
Antibiotic Prophylaxis	Allegranzi, Benedetta	17:30 - 17:45
EU Perspective On Patient Safety	Agnieszka, Daval-Cichon	17:45 - 18:00
Patient Safety: Policy Perspectives	Donaldson, Liam	18:00 - 18:15
Discussion		18:15 - 18:30

This Symposium will bring together medical and policy experts who will discuss key international and EU initiatives in Patient Safety and Public Health, as well as the role of the Orthopaedic and Trauma community in setting excellence in the quality and safety of care. The symposium will highlight the need for a coordinated action between politicians, surgeons, hospitals and other health care providers in an environment where mobility of patients and professionals across borders is increasing.

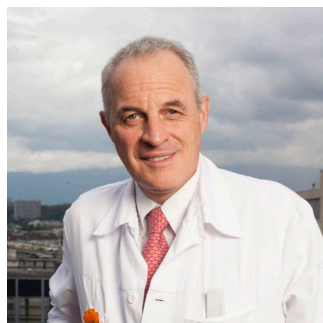
SAVE LIVES: clean you hands, it takes just a few moments...



'CLEAN CARE IS SAFE CARE'

Patient safety starts with clean care and Professor Didier Pittet will address this issue as the architect of the worldwide "Clean Care is Safe Care" initiative of the WHO.

Professor Didier PITTET, MD, MS, CBE, is Professor of Medicine, the Hospital Epidemiologist and Director of the Infection Control Programme and World Health Organization (WHO) Collaborating Centre on Patient Safety at the University of Geneva Hospitals and Faculty of Medicine, Geneva, Switzerland. He holds Honorary Professorships at Imperial College London, UK, Hong Kong Polytechnic University School of Health Science, and the First Medical School of the Fu, Shanghai, China. Professor Pittet is Lead Adviser of the first WHO Global Patient Safety Challenge "Clean Care is Safe Care" and the African Partnerships for Patient Safety, Patient Safety, WHO Headquarters.



Professor Pittet is the recipient of several national and international honours including a CBE (Commander of the British Empire) awarded by Her Majesty Queen Elisabeth II for services to the prevention of healthcare-associated infection in the UK (2007), the Society for Healthcare Epidemiology of America Lectureship for his contribution to infection control and healthcare epidemiology (2008), and the European Society of Clinical Microbiology and Infectious Diseases' Award for Excellence (2009). Professor Pittet is co-author of more than 500 publications in peer-reviewed journals and 50 textbook chapters. His current research interests include the epidemiology and prevention of healthcare-associated infections, methods for improving compliance with barrier precautions and hand hygiene practices, as well as innovative methods for improving the quality of patient care and patient safety. He is also involved in research on the epidemiology of infectious diseases, and public and global health issues. The experience of his team in engaging nations and healthcare settings worldwide in a universal commitment to patient safety is unique.



....surgical check lists have been shown to diminish wrong site surgery and save lives ...

'WRONG SITE SURGERY & SURGICAL CHECKLIST'



The concept of the surgical checklist has come from aviation into the surgical suite. The right patient at the right time for the right procedure in the right place must become a routine leitmotiv for all the OR personnel up to and including the lead surgeon. Professor Azar, the current President of the American Academy of Orthopaedic Surgeons has played a major role in patient safety actions, such as the "Sign Your Site" campaign, supported and encouraged by the AAOS.

Professor Frederick M. AZAR is chief of staff at the Campbell Clinic, and a professor and director of the sports medicine fellowship program in the University of Tennessee-Campbell Clinic department of orthopaedic surgery. He was also director of the department's residency programme for 10 years.

Dr. Azar is the team physician for the NBA Memphis Grizzlies and was selected as the 2012 Team Physician of the Year. He also serves as a team physician for the University of Memphis and Christian Brothers University sports teams. After earning his medical degree from Tulane University School of Medicine,

Dr. Azar completed his residency in orthopaedic surgery at the University of Tennessee-Campbell Clinic and a fellowship in sports medicine at the American Sports Medicine Institute in Birmingham, Ala. He was also an American Orthopaedic Society for Sports Medicine (AOSSM) Traveling Fellow.

Dr. Azar is active in numerous national and international groups and professional societies including the AOSSM, the Arthroscopy Association of North America, and the American Orthopaedic Association. A long-time Academy volunteer, he was a graduate of the inaugural AAOS Leadership Fellows Programme class in 2003. He has held numerous positions in the AAOS, including that of Treasurer. Dr. Azar is an active participant in a number of community philanthropic organizations and serves on the Board of Directors of ALSAC/St. Jude Children's Hospital. He was part of the Haiti disaster relief team in 2010.

....focus on hand hygiene, infection control and antimicrobial resistance in health care....



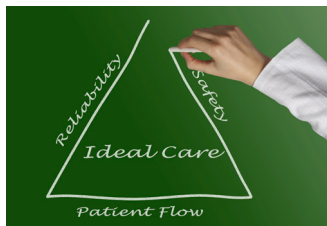
'ANTIBIOTIC PROPHYLAXIS'

The proper use of antibiotic prophylaxis is a major concern of surgeons and patients all over the world. When misused these drugs are at best not effective and at worst may create a selection of malignant bacterial strains which ultimately will become resistant to all known drugs. This topic will be covered by Prof Benedetta Allegranzi an expert in infectious diseases currently working at the WHO.

Professor Benedetta ALLEGRANZI, MD, DTM & H is a specialist in infectious diseases, tropical medicine, infection control and hospital epidemiology. She currently works at the World Health Organization (WHO) HQ (Service Delivery and Safety department), leading the "Clean Care is Safer Care" programme (<http://www.who.int/gpsc/en/>) focused on hand hygiene, infection control and antimicrobial resistance in health care. Since 2013, Dr Allegranzi has gathered the title of professor of infectious diseases in the official Italian professorship list and is adjunct professor of public health at the Faculty of Medicine, University of Geneva, Switzerland. She closely collaborates with the team at the Infection Control Programme and WHO Collaborating Center on Patient Safety, University of Geneva Hospitals (Geneva, Switzerland), as well as with the Armstrong Institute for Patient Safety and Quality, John Hopkins University, (Baltimore, USA) for clinical research projects. She has experience in clinical management of infectious diseases and tropical medicine, and clinical research in healthcare settings in both developing and developed countries. She has thorough skills and experience in training and education.



She is the author or co-author of more than 150 scientific publications, including articles published in high-profile medical journal such as the Lancet, Lancet Infectious Diseases, New England Journal of Medicine and the WHO Bulletin, and six book chapters.



2014 is an important year for reflection on the future of EU action on patient safety and quality of care.

'EU PERSPECTIVE ON PATIENT SAFETY'



According to the EU, an estimated 8 - 12% of patients admitted to hospital in the EU suffer from adverse events whilst receiving healthcare; this includes healthcare- associated infections and surgical errors. Patient Safety has been addressed at the EU Level through various initiatives, projects and research funding, and particularly since the adoption of Council Recommendation in 2009. While the EU is currently assessing the need for continuity of patient safety and quality of care activities, Agnieszka Dával-Cichon will present key initiatives of the European Commission in the field and how it is supporting Member States co-operation on Patient Safety.

In particular, some of the on-going work of the Commission in 2014 on Patient Safety is centred around the release of:

- A Euro-barometer Survey on Patient Safety and Quality of Care.
- A report on the public consultation on patient safety and quality of care.
- A second patient safety report assessing Member States implementation of 2009 Council Recommendation on Patient Safety and Healthcare-Associated Infections.

Agnieszka DAVAL-CICHON (EU Commission) graduated from the School of Public Health of the Jagiellonian University, Krakow, Poland. She is Policy Officer in the Directorate General Health and Consumers of the European Commission, since 2008. Her main work areas include: patient safety and quality of healthcare.

...quality of healthcare - insight into the ongoing challenge of setting the highest standards for Patient Safety programmes...



'PATIENT SAFETY: POLICY PERSPECTIVES'

Patient safety and the delivery of appropriate care is a matter of public concern. Failure to deliver will have socio-political consequences that will reach out much further into society. These issues will impact strongly on the practice and delivery of care. Patients today are well informed and are intolerant of mistakes, errors and missteps involving their own or their loved ones' medical care. Professor Sir Liam Donaldson, foundation chair of the World Alliance for Patient Safety launched by the WHO will give us his insight into the ongoing challenge of setting the highest standards for Patient Safety programmes.



Professor Sir Liam DONALDSON is recognised as an international champion of patient safety and public health. He was the foundation chair of the World Health Organisation World Alliance for Patient Safety, launched in 2004. He is a past vice-chairman of the World Health Organisation Executive Board. He is now the World Health Organisation's Envoy for Patient Safety and Chairman of the Independent Monitoring for the Polio Eradication Programme. In the UK, he is currently Chair of Health Policy at Imperial College London and Chancellor of Newcastle University.

Prior to this appointment Sir Liam was the Chief Medical Officer for England, and the United Kingdom's Chief Medical Adviser, from 1998–2010. During this time he held critical responsibilities across the whole field of public health and health care. As the United Kingdom's chief adviser on health issues, he advised the Secretary of State for Health, the Prime Minister and other government ministers. He has produced landmark reports which have set health policy and legislation in fields such as stem cell research, quality and safety of health care, infectious disease control, patient empowerment, poor clinical performance, smoke free public places, medical regulation, and organ and tissue retention.

Sir Liam initially trained as a surgeon in Birmingham and went on to hold teaching and research posts at the University of Leicester. In 1986, he was appointed Regional Medical Officer and Regional Director of Public Health for the Northern Regional Health Authority.

Sir Liam has received many public honours: 12 honorary doctorates from British universities, eight fellowships from medical royal colleges and faculties, and the Gold Medal of the Royal College of Surgeons of Edinburgh. He was the Queen's Honorary Physician between 1996 and 1999. He was knighted in the 2002 New Year's Honours List.



...learn more about state-of-the-art available techniques in this session...

SYMPOSIUM ON THE QUALITY OF IMPLANTS AND PATIENT SAFETY

Type: Radiostereometric Analysis (RSA) Special Session
 Auditorium: Nice | ExCel London
 Date/Time: Thursday June 5, 2014 | 09:00 - 12:00
 Moderators: Nelissen, Rob
 Valstar, Edward

	Speaker	Time
Introduction	Nelissen, Rob	09:00 - 09:05
	Valstar, Edward	09:05 - 09:10
Why Do Implants Fail?	Wilkinson, Mark	09:10 - 09:25
	Macinnes, Scott	09:25 - 09:35
Implant Fallacies In The Recent Past	Kärrholm, Johan	09:35 - 09:50
	Klerken, Tina	09:50 - 10:00
The Case For A Phased Introduction Of New Implants	Malchau, Henrik	10:00 - 10:15
	Johansson, Per Erik	10:15 - 10:25
The Value And Limitations Of National Registries	Labek, Gerold	10:25 - 10:40
	Sadoghi, Patrick	10:40 - 10:50
RSA As A Premarketing Instrument	Valstar, Edward	10:50 - 11:05
	Pijls, Bart	11:05 - 11:15
Is Something Wrong With The Implant	Robertsson, Otto	11:15 - 11:30
In Dis-satisfied TKA Patients?	Abdulemir, Ali	11:30 - 11:40
Panel Discussion		11:40 - 11:55
Closing Remarks	Nelissen, Rob	11:55 - 12:00

Other Patient Safety related sessions

...learn about techniques that can be used in the safe phased introduction of new joint replacement prostheses...



Contrary to the introduction of new pharmaceuticals, the introduction of joint replacement prostheses is not well regulated. Although a much more controlled market introduction for new prostheses was already proposed by Machau in 1995, not much has changed in the past 20 years, as shown by the recent failure of hip resurfacing prostheses. The patients, orthopaedic community, regulators, and industry will benefit from an improved market introduction that increases patient safety.

In this symposium, a number of recognised experts and their junior researchers will update you about the state-of-the-art on available techniques that can be used in the safe phased introduction of new joint replacement prostheses.

The experts will give you a broad overview of a certain technique, and their young researchers will provide you with details of a clinical study in which that technique was used. The audience will be invited to get involved in a round table discussion and share their opinions. At the end of the symposium we might or might not agree upon a best approach for the phased introduction of joint replacement prostheses.



'There are important developments arising from the interaction about registries and the orthopaedic community plays a leading role in this field..... The aim is to improve the outcomes for patients, reduce complications and therefore save significant amounts of money, allowing us to treat more patients at a timely fashion'.

Timothy Briggs, President British Orthopaedic Association (BOA) 2013/2014

THE INTERNATIONAL HEALTHCARE TIMEBOMB – AN AVALANCHE OF ORTHOPAEDICS

Type: Symposium
 Auditorium: London | ExCel London
 Date/Time: Thursday 5 June 2014 | 15:00-17:00
 Moderators: Briggs, Tim (BOA)
 Cassiano Neves, Manuel (EFORT)

	Speaker	Time
Introduction To The Event	Briggs, Tim	15:00 - 15:10
Managing the perfect storm	Briggs, Tim	15:10 - 15:20
Shape and size of the workforce	D. Boden, MD, Scott	15:20 - 15:30
Improving the evidence base	Carr, Andrew	15:30 - 15:40
The challenge for developing countries	De Vos, Johannes	15:40 - 15:50
Global challenge for the implant manufacturing industry	Ellingworth, Peter	15:50 - 16:00
Patient expectations	Murphy, Katherine	16:00 - 16:10
GIRFT (Getting It Right First Time)	Briggs, Tim	16:10 - 16:25
Summary and Discussion		16:25 - 16:50

The EFORT and BOA Presidents will chair a panel of distinguished speakers to address the challenges facing healthcare systems and orthopaedics around the world. The panel, comprising leading experts in the international healthcare field, will focus on the impact of an ageing population and the imminent avalanche of demand for joint replacement surgery.

'It is so important that every patient gets the best diagnostic imaging and every patient gets the best environment in which to operate and has a result which is not compromised by complications if at all possible. It is going to be the whole emphasis of many of the talks at this year's conference.'

Stephen Cannon, Chair of 15th EFORT Congress, Local Organizing Committee
President Elect EFORT 2014/2015

TODAY'S CHALLENGE IN PATIENT SAFETY – CARING, SHARING AND INNOVATING

Type:	British Orthopaedic Association (BOA) 'Robert Jones Lecture'
Auditorium:	London
Date/Time:	Friday - June 6, 2014 14:30 - 15:00
Moderator	Cannon, Stephen R.
Lecturer	Stanley, David

Among other important roles during his life Sir Robert Jones was Medical Officer during the building of the Manchester Ship Canal, a responsibility that prepared him for an even greater role that he was to play during the First World War. The first part of this lecture will outline these aspects of his significant career that spanned more than 40 years.

We will then traverse back to the present day, as we question whether at this juncture there is a problem with patient safety, and importantly, identifying those factors that surgeons should consider in order to provide a quality patient safe service.

Finally the unchanging importance of patient safety will be identified as a core value since the inception of Orthopaedics as a separate surgical speciality



SAVE THE DATE

Forthcoming EFORT Congress

Prague | 27-29 May 2015
Theme: Infection

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