SATURDAY 1st JUNE

Registration from 08.00

NB: Podium paper timings include 2 minutes discussion time to follow immediately after each presentation. The final slide of each presentation should include a declaration of interests.

STATISTICS AND METHODOLOGY
(Room: Blenheim)

Part 1: "The tools and methodologies that can be used in analysing registry data, statistical models. What are the best tools to assess surgeon and implant data?"

Chairs: Mark Wilkinson (Sheffield) and Jonas Ranstam (Sweden)

08.30 Modelling survival - Speaker: Birgitte Espehaug
08.45 Some thoughts on the search for ‘outliers’ - Speaker: Linda Hunt
09.00 Analysis methodology for PROMS data – Speaker: Philippe Wagner

PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:

09.15 STATISTICAL ANALYSIS OF EQ5 PROFILES WITH PIECEWISE LINEAR REGRESSION SPLINES IN TOTAL HIP ARTHROPLASTY
Szilárd Nemes, Max Gordon, Ola Rolfson, Göran Garellick

09.23 CUMULATIVE SUM OF OUTCOMES - A CHANGE IN METHOD OF IDENTIFYING OUTLIERS IN THE SCOTTISH ARTHROPLASTY PROJECT
Alan Reekie, G Patrick Ashcroft, Colin R Howie, Daniel E Porter, Roger J Black

09.31 DETECTING UNDERPERFORMING PROSTHESES: THE CASE OF FUNNEL PLOTS
Alejandro Allepuz, Olga Martinez, Cristian Tebé, Vicky Serra-Sutton, Joan Nardi, Frederic Portabella, Mireia Espallargues on behalf of the Catalan Arthroplasty Register (RACat)

09.39 PUBLICATION GUIDELINES FOR ARTHROPLASTY REGISTER STUDIES
Jonas Ranstam

09.54 Panel Discussion
Delegates are welcome to send in questions in advance of the meeting to the organiser

10.30 COFFEE
2nd International Congress of Arthroplasty Registries
Stratford-upon-Avon
1st – 3rd June 2013

SATURDAY 1st JUNE

Part 2: "The Experience of our experts with the various tools"
The Difference between Statistical and Clinical Significance, the importance or Responsiveness

Chairs: Alex Macgregor (NJR) and Johan Karrholm (Sweden)

11.00 PROMS – Speaker: Andrew Carr (Oxford)

11.15 Swedish Experience – Speaker: Ola Rolfson (Swedish Hip Arthroplasty Registry)

11.30 The Statistical Interpretation of EQ5D - Speaker: Max Gordon (Sweden)

11.45 Translating Registry Data into Practice Speaker: Steve Graves (Australian National Joint Registry)

12.00 Getting to know Statistics very quickly – Speakers: Simon Jameson, Paul Baker (NJR)

12.15 Discussion
Delegates are welcome to send in questions in advance of the meeting to the organiser

12.45 LUNCH

14.00 Coaches depart from Holiday Inn Hotel for a tour of Stratford-upon-Avon

17.30 Coaches return to Holiday Inn Hotel from Stratford-upon-Avon tour

18.30 Welcome Drinks Reception *(Holiday Inn Hotel)*

Delegates to make their own arrangements for dinner – recommended dining establishments and contact details will be communicated in advance – all are within short walking distance.
SUNDAY 2nd JUNE
Registration from 07.30

08.15 Welcome – Speaker: Mary Cowern (Patient representative, NJR Steering Committee)
08.20 House Keeping
08.25 ISAR – Speaker: Göran Garellick
08.35 Key Note Address – Speaker: John Wilkinson OBE (Director of Devices MHRA)

08.45 Session 1: Do registries lead to quality improvement?
Chairs: Henrik Malchau (Sweden) and David Murray

08.47 Registries, Outcomes, OMERACT and Cochrane Systematic Review: A Journey to Evidence-Based Medicine in Arthroplasty. Speaker: Jasvinder Singh (University of Alabama)

08.57 How I see it: evidence based device use. Speaker: Art Sedrakyan (ICOR)

09.07 The effect of Registries on Health Care – Speaker: Stefan Larsson (Boston Consulting Group)

09.17 The cost and cost efficiency of Registries – Speaker: Clas Rehnberg (Karolinska Institute)

09.27 The potential use of Registries in the Introduction of New Implants – Speaker: Keith Tucker (NJR)

09.35 Discussion

Session 2: Orthopaedic Publishing in 2013 and the value of Observational Studies

09.50 Richard Villar (Cambridge & London)

10.00 Nils Hailer (Co–editor, ACTA)

10.07 Discussion

10.15 COFFEE & POSTER VIEWING
NB: Podium paper timings include 2 minutes discussion time to follow immediately after each presentation. The final slide of each presentation should include a declaration of interests.

PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:

Chairs: Colin Esler and David Lewallen

10.40 INCREASING RISK OF REVISION DUE TO DEEP INFECTION AFTER TOTAL HIP ARTHROPLASY  

10.50 THE INCIDENCE OF DEEP PERIPROSTHETIC JOINT INFECTION FOLLOWING PRIMARY TOTAL HIP ARTHROPLASTY – INCLUDING A NEW METHOD FOR INFECTION SURVEILLANCE  
Viktor Lindgren, Max Gordon, Per Wretenberg, Johan Kärrholm, Göran Garellick

11.00 RISK OF CANCER FOLLOWING PRIMARY TOTAL HIP REPLACEMENT OR PRIMARY RESURFACING ARTHROPLASTY OF THE HIP: A RETROSPECTIVE COHORT STUDY IN SCOTLAND  
David H Brewster, Diane L Stockton, Alan Reekie, G Patrick Ashcroft, Colin R Howie, Daniel E Porter, Roger J Black

11.10 MORTALITY FOLLOWING HIP REPLACEMENT – RESULTS FROM THE NJR (England and Wales)  
Ben JRF Bolland, Sarah L Whitehouse, A John Timperley

11.20 MORTALITY AND RISK FACTORS FOR RE-OPERATION AFTER HEMI-ARTHROPLASTIES IN THE NORWAY AND SWEDEN. ANALYSIS OF 33,205 PROCEDURES IN THE NOWEGIAN AND SWEDISH NATIONAL REGISTRIES  
Cecilia Rogmark, Anne M Fenstad, Olof Leonardsson, Lars B Engesæter, Johan Kärrholm, Ove Furnes, Göran Garellick, Jan-Erik Gjertsen

11.30 MORTALITY RISK AND IMPLANT SURVIVAL FOLLOWING PRIMARY HIP REPLACEMENTS  
Cristian Ioan Stoica

PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:

Chairs: Otto Robertsson (Swedish Knee Registry) and Evert Smith (NJR, ODEP)

11.40 THE UTILITY OF A TOTAL JOINT REGISTRY IN QUALITY IMPROVEMENT  
Paxton, E, Inacio, M, Ake, C, Khatod, M, Yue, E, Namba, R, Funahashi, T, Barber, T
NB: Podium paper timings include 2 minutes discussion time to follow immediately after each presentation. The final slide of each presentation should include a declaration of interests.

11.50 RISK MODELLING FOR TOTAL JOINT REPLACEMENT IN THE CRR
Nelson Soo Hoo, Kate Chenok, Zhongmin Li, Kevin Bozic

12.00 PATIENT REPORTED OUTCOME (PROM) IN REVISION HIP AND KNEE REPLACEMENT. EXPERIENCE FROM THE NEW ZEALAND JOINT REGISTRY
Peter Devane

12.10 USE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN YEAR 1 FOLLOWING TOTAL KNEE ARTHROPLASTY AND IMPLANT SURVIVAL: THE PRESS-UP COHORT
Daniel Prieto-Alhambra, Alex Liddle, Alex Allepuz, Andrew Judge, M Kassim Javaid, Enric Castellet, Mireia Espallargues, Cyrus Cooper, Nigel K Arden

12.17 THE VALUE OF THE MINIMUM DATA SET AS PART OF AN ORTHOPAEDIC QUALITY SCORECARD
James P Waddell, Rhona McGlasson

12.28 Further Discussion

12.30 LUNCH & POSTER VIEWING

Session 3: ICOR SESSION

Chairs: Art Sedrakyan and Liz Paxton

13.00 What is ICOR?
ICOR coordinating center update: achievements, MOU and overall process
Speakers: Liz Paxton and Art Sedrakyan

13.40 ICOR Hip Project – Speaker: Ove Furnes

13.50 Knee Project – Speaker: Bob Namba

14.00 Standardized database – Speaker: Steve Graves

14.10 ICOR Experience – Speaker: Otto Robertsson

14.18 Industry perspective on the Standardized database – Speaker: Mick Borroff
NB: Podium paper timings include 2 minutes discussion time to follow immediately after each presentation. The final slide of each presentation should include a declaration of interests.

14.25 GS1 and its implementation – **Speaker:** Roger Lamb

14.32 **Panel Discussion**
All speakers, Danica Marinac-Dabic and Elaine Young

**PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:**

**Chairs:** Eric Bohm and Bob Namba

14.55 **THE NORDIC ARTHROPLASTY REGISTER ASSOCIATION - A COLLABORATION BETWEEN 4 NATIONAL HIP ARTHROPLASTY REGISTRIES WITH 536,963 THRs**
Keijo T Mäkelä, Markus Matilainen, Antti Eskelinen, Pekka Pulkkinen, Anne M Fenstad, Leif Havelin, Lars Engesaeter, Ove Furnes, Søren Overgaard, Alma B Pedersen, Johan Kärrholm, Jonas Ranstam, Göran Garellick

15.05 **THE ITALIAN ARTHROPLASTY REGISTRY: ESSENTIAL ISSUES FOR ITS LARGE IMPLEMENTATION**
Ilaria Luzi, Luisa Leone, Mascia Masciocchi, Corrado Di Benedetto, Antonio Sette, Eugenio Carrani, Marina Torre

15.15 **COFFEE & POSTER VIEWING**

Session 4: **OUTLIER SESSION**

**Chairs:** Peter Howard (NJR) and Peter Devane (New Zealand)

15.35 **THE USE OF HIP AND KNEE REVISION RISK FACTORS IN DEVELOPMENT OF PATIENT RISK CALCULATORS**
Ake, C., Cafri, G., Inacio, M., Khatod, M., Barber, T., Bini, S. Namba, R., Paxton, E.

15.53 Surgeon Outliers – **Speaker:** Colin Howie

16.03 Joint Registry Approach for Identification of Outlier Prostheses – **Speaker:** Richard de Steiger

16.13 Unit Outliers – **Speaker:** Ashley Blom
NB: Podium paper timings include 2 minutes discussion time to follow immediately after each presentation. The final slide of each presentation should include a declaration of interests.

16.23  HOW TO BECOME AN ORTHOPAEDIC SURGEON OUTLIER
Peter Howard

16.33  DISCUSSION

16.40  PATIENT-REPORTED OUTCOMES IN CEMENTED AND UNCEMENTED TOTAL HIP REPLACEMENTS
Mattias Hallsten, Szilard Nemes, Johan Kärrholm, Göran Garellick, Ola Rolfson

16.48  THE RELATIONSHIP OF SURGEON VOLUME AND PROSTHESIS SELECTION ON THE OUTCOME OF PRIMARY TOTAL HIP REPLACEMENT.
Stephen Graves, Richard de Steiger, David Davidson, Robyn Vial, Ann Tomkins, Liddy Griffith, Kara Cashman, Yen-Liang Liu

16.54  THE RELATIONSHIP OF SURGEON VOLUME AND PROSTHESIS SELECTION ON THE OUTCOME OF PRIMARY TOTAL KNEE REPLACEMENT.
Stephen Graves, Richard de Steiger, David Davidson, Robyn Vial, Ann Tomkins, Liddy Griffith, Kara Cashman, Yen-Liang Liu

17.00  LEARNING CURVE FOR NEW TECHNOLOGY? A NATIONWIDE REGISTER-BASED STUDY OF 46 363 TOTAL KNEE ARTHROPLASTIES
Mikko Peltola, Antti Malmivaara, and Mika Paavola

17.07  HIP PROSTHESIS INTRODUCTION AND EARLY REVISION RISK: A NATIONWIDE POPULATION BASED STUDY COVERING 39 125 OPERATIONS
Mikko Peltola, Antti Malmivaara, Mika Paavola

17.14  PATIENT EDUCATION INFLUENCE ON PATIENT REPORTED OUTCOMES
Meridith E Greene; Ola Rolfson; Max Gordon; Henrik Malchau; Göran Garellick

17.24  PATIENT REPORTED OUTCOME IN TOTAL HIP ARTHROPLASTY IS INFLUENCED BY SURGICAL APPROACH
Viktor Lindgren, Göran Garellick, Per Wretenberg, Johan Kårrholm, Ola Rolfson

17.31  THE IMPACT OF BODY MASS INDEX (BMI) ON EARLY FUNCTIONAL OUTCOMES FOLLOWING PRIMARY TOTAL HIP REPLACEMENT--- AN ANALYSIS OF NATIONAL PROMS DATA
SS Jameson, J Mason, PN Baker, D Elson, DJ Deehan, MR Reed

17.50  Meeting Close

18.30  Coaches depart from Holiday Inn Hotel to Heritage Motor Centre in Gaydon

19.15  Drinks Reception – Heritage Motor Centre

20.00  Dinner – Heritage Motor Centre - Guest Speaker: Prof Jimmy Hutchison (Aberdeen)
Dress Code: Business Casual
MONDAY 3rd JUNE

NB: Podium paper timings include 2 minutes discussion time to follow immediately after each presentation. The final slide of each presentation should include a declaration of interests.

Session 5: EMERGING REGISTRIES AND EMERGING IMPLANTS

Chairs: Gerold Labek (Austria and European Arthroplasty Registry) and Andy Carr (Oxford)

08.00 RESULTS AFTER CEMENTED THA, TWO YEARS RESULTS FROM LITHUANIAN ARTHROPLASTY REGISTER
Sarunas Tarasevicius, Justinas Stucinskas, Rasa Valaviciene, Algimantas Cebatorius, Alfredas Smailys

08.10 KEY FEATURES OF DATABASE VALIDATION IN SLOVAK ARTHROPLASTY REGISTRY
Stanislav Katina, Libor Nečas, Janka Uhlárová

08.20 THE DUTCH ARTHROPLASTY REGISTER (LROI); EXPERIENCES AFTER FIVE YEARS OF REGISTRATION
G. Denissen, R. Nelissen, W. Morrenhof, F van Oosterhout

08.30 FIRST RESULTS FROM THE REGISTER OF THE GERMAN SOCIETY FOR RHEUMATIC ORTHOPEDICS

08.39 EGYPTIAN COMMUNITY ARTHROPLASTY REGISTER
Mahmoud Hafez, Ismail Rashad

08.48 A NON-TRADITIONAL REGISTRY FOR TOTAL HIP AND KNEE ARTHROPLASTY ACROSS THE FIFTEEN UNITED STATES HEALTH SYSTEMS OF THE HIGH VALUE HEALTHCARE COLLABORATIVE
Ivan M. Tomek, Todd L. Allen, Elissa F. Malcolm, Kristopher D. Minsinger, James L. Westrich, Yuliya Halchenko, James M. Naessens

08.58 FORCE-TJR: A NEW US PARADIGM FOR A NATIONAL TJR REGISTRY COLLECTING LEVEL 1, 2, AND 3 OUTCOMES
Patricia Franklin, Jeroan Allison, Leslie Harrold, Wenjun Li, David Ayers.

09.08 Short Break
MONDAY 3rd JUNE

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09.14  AMERICAN JOINT REPLACEMENT REGISTRY (AJRR) “DEVELOPING A NATIONAL JOINT REPLACEMENT REGISTRY”
Caryn D. Etkin, David G. Lewallen, William J. Maloney

09.24  SIMILARITIES AND DIFFERENCES IN REPORTS OF NATIONAL ARTHROPLASTY REGISTRIES
Thoralf Liebs, Farina Splietker, Joachim Hassenpflug

09.34  PATIENT REPORTED OUTCOME (PROMS) IN SHOULDER REPLACEMENT. EXPERIENCE FROM THE NEW ZEALAND JOINT REGISTRY
Peter Devane

09.44  BEST RESULTS WHEN SURGERY IS PERFORMED 6-10 DAYS AFTER FRACTURE. AN ANALYSE OF PATIENT REPORTED OUTCOME FROM THE SWEDISH SHOULDER REGISTER ON TREATMENT WITH HEMIARTHROPLASTY FOR PROXIMAL HUMERUS FRACTURES
Björn Salomonsson, Alma Vuorinen, Yilmaz Demir, Anders Nordqvist

09.54  DISCUSSION

10.00  COFFEE & POSTER VIEWING

Session 6: MANUFACTURER’S SESSION - “How Industry helps Registries and how Registries help Industry”

Chairs: Pam Plouhar, Steve Graves, and Philip Noble

10.20  How Industry uses data – Speaker: Jing Xie (Biomet)

10.35  The Evolving Evidence Burden in Orthopaedic Health Care: Can Orthopaedic Registry Data Support the Need? – Speaker: Paul Just (Smith and Nephew)

10.50  Supplier Feedback – Speaker: Mick Borroff (NJR and ABHI)

10.58  Discussion
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PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:

Chairs: Richard de Stieger and Leif Havelin

11.20 HAS THE LEVEL OF DISABILITY AT TIME OF TKR CHANGED OVER THE PAST 10 YEARS? RESULTS FROM TWO US COHORTS
Patricia Franklin, Leslie Harrold, Wenjun Li, David Ayers

11.30 METHOD OF FIXATION IN CUP REVISION DOES NOT INFLUENCE THE OVERALL RISK FOR A SECOND REVISION: ANALYSIS OF 18,593 FIRST TIME CUP REVISIONS FROM THE SWEDISH HIP ARTHROPLASTY REGISTRY
Maziar Mohaddes, Göran Garellick, Johan Kärrholm

11.40 METAL – ON - METAL TOTAL HIP ARTHROPLASTY: DATA FROM REGISTER OF ORTHOPAEDIC IMPLANTS IN REGION EMILIA-ROMAGNA, ITALY
Susanna Stea, Barbara Bordini, Stefano Falcioni, Aldo Toni

11.50 NATIONAL SURVEILLANCE OF COMPLICATIONS AFTER METAL-ON-METAL HIP ARTHROPLASTY IN JAPAN
Haruhiko Akiyama, Nobuhiko Sugano, Tamon Kabata, Yoshio Takatori, Satoshi Nagoya, Masahiro Hasegawa, Yudo Hachiya, Yuji Yasunaga, Takashi Nakamura, Hirokazu Iida

12.00 HAVE CEMENTLESS AND RESURFACING COMPONENTS IMPROVED HIP REPLACEMENT FOR YOUNGER PATIENTS? AN ANALYSIS OF PATIENT REPORTED OUTCOME SCORES AND IMPLANT SURVIVAL
SS Jameson, J Mason, PN Baker, PJ Gregg, M Porter, DJ Deehan, MR Reed

12.10 RELATIVE RISK OF EARLY ASEPTIC REVISION FOR THE BIRMINGHAM SURFACE REPLACEMENT: A COMPARISON TO SEANDARD HIP REPLACEMENT AND METAL ON METAL TOTAL HIP REPLACEMENT UTILIZING THE BIRMINGHAM CUP
Thomas C Barber, Guy Cafri, Alan Schepps, Rebecca Love, Iqbal Anwar, Liz Paxton

12.20 CENTRE AND SURGEON VOLUME INFLUENCE THE REVISION RATE FOLLOWING UNICONDYLAR KNEE REPLACEMENT: AN ANALYSIS OF 23,400 MEDIAL CEMENTED UNICONDYLAR KNEE REPLACEMENTS
Paul Baker, Simon Jameson, Rebecca Critchley, Mike Reed, Paul Gregg, David Deehan
MONDAY 3rd JUNE

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12.30 LUNCH & POSTER VIEWING

13.30 Session 7: AFTERNOON SESSION

Chairs: Martyn Porter and Rob Nelissen

13.32 DELIVERING REGISTRY DATA TO THOSE WHO NEED IT MOST...
Peter Rottier & Richard Armstrong (Northgate, NJR England and Wales)

13.40 BEST POSTER SESSION FOR THE ISAR PRIZE
The authors of the 5 best posters, as judged by the poster judges will be invited to speak for up to 2 minutes and answer questions for 1 minute - candidates to display their poster on the main screen. All delegates will vote for the winner and hand in their voting slip at the end of the session

PODIUM PRESENTATIONS OF SCIENTIFIC PAPERS:

14.05 PATIENT REPORTED OUTCOME AFTER FEMORAL NECK FRACTURES IN YOUNG ADULTS – TOTAL HIP REPLACEMENT BETTER THAN INTERNAL FIXATION
Olof Leonardsson, Ola Rolfson, Ami Hommel, Göran Garellick, Kristina Åkesson and Cecilia Rogmark

14.15 THE OUTCOME OF COMPUTER NAVIGATION FOR PRIMARY KNEE REPLACEMENT
Richard de Steiger, Stephen Graves, David Davidson, Robyn Vial, Ann Tomkins, Liddy Griffith, Michelle Lorimer

14.25 USING THE NORWEGIAN ARTHROPLASTY REGISTER TO GENERATE A DNA BIOBANK
Anne M. Fenstad, Ove Furnes, Geir Hallan, Leif I. Havelin, Bjørg-Tilde Fevang, Håvard Dale, Paul J. Høl, Scott J. Macinnes, J. Mark Wilkinson

14.35 COMPARATIVE SURVIVORSHIP OF DIFFERENT TIBIA DESIGNS IN PRIMARY TOTAL KNEE ARTHROPLASTY (TKA)
Hilal Maradit Kremers, Rafael J. Sierra, Cathy D. Schleck, Daniel J. Berry, Miguel E. Cabanela, Arlen D. Hanssen, Mark W. Pagnano, Robert T. Trousdale, David G. Lewallen. College of Medicine, Mayo Clinic, Rochester, MN

14.45 FEMORAL / ACETABULAR IMPINGEMENT SYNDROME REGISTRY
J Timperley
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14.55 COFFEE & POSTER VIEWING

15.15 Session 8: FINAL SESSION

Chairs: Göran Garellick and Ove Furnes

“International Standardisation and Co-operation”

Should there be an International Forum to develop, facilitate and harmonise joint registry activity?

What should we do with worrying data? Should ISAR be involved?

A short Symposium to explore and discuss issues that would be involved.

A view from emerging registries – Speaker: David Lewallen

The experience of NARA – Speaker: Leif Havelin

ICHOM - Speaker: Stefan Larsson

ICOR – Speaker: Danica Marinac-Dabic

Arthroplasty Watch – Speaker: Otto Robertsson

European perspective – Speaker: Gerold Labek

Recent Experience with International Co-operation, Brief Report on the “Modular Neck Survey” Speakers: Steve Graves & Keith Tucker

Future Development: is there a need for working groups? Speaker: Martyn Porter

- Development of methodologies
- Harmonization of Metrics. Consistency in definition of Outlier Performance
- Surveillance
- International Research
- Archive of Joint Registry reports

Is it going to be worth all the effort? All delegates.

16.30 ISAR Prize Awards – presented by: Göran Garellick

16.35 Closing Remarks by: Martyn Porter

Please Note: A certificate of attendance with 17 CPD credits will be sent by email post-event provided you have completed and returned the congress evaluation form to a member of staff at the hospitality desk.