

April 3, 2016

SATURDAY 28th May

Venue:	Wrightington Hospital
08.00	Bus departure from Lowry Hotel Manchester
09.00	Registration at Wrightington
09.10-09.15	Welcome Richard de Steiger ISAR President
09.15- 10.30	Plenary Session 1 Wrightington History
09.15- 09.30	History of Wrightington- Martyn Porter
09.30- 09.45	Chris Faux- Chairman of the Charnley Trust
09.45- 10.00	Tris Charnley- Living under the same roof!
10.00- 10.15	John Hodgkinson- The Charnley Legacy
10.15- 10.30	Peter Kay- Did we forget something?
10.30- 11.00	Coffee
11.00- 12.30	Plenary Session 2 Where is ISAR now? Chair Richard De Steiger
11.00-11.10	ISAR goals Martyn Porter
11.10-11.30	How registries share information NARA collaboration Keijo Makela ICOR Liz Paxton
11.30-11.40	How do Registries use PROMs? Ola Rolfson
11.40-11.50	International Harmonisation and Implant Library Stephen Graves
11.50-12.00	Service Improvement Liz Paxton
12.00-12.10	ISAR policy on quality of Registries and publication standards Henrik Malchau
12.10-12.20	Plans for the future. Richard De Steiger
12.20-12.30	Discussion

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12.30- 13.30 Lunch and Wrightington tour**13.30 - 15.00 Podium 1 Statistics and Methodologies
Chairs Mark Williamson, Liz Paxton**

- 1.1 Developing An Active Post-Market Surveillance System For Detecting Outlying Orthopaedic Device Components. (*Guy Cafri et al*)
(Paper No 45)
- 1.2 Registry Nested Trials are More Effective than RCT's at Identifying Prostheses with High Rates of Revision. (*S E Graves et al*)
(Paper 128)
- 1.3 Are All Metal-On-Metal Hip Revisions Contributing To The NJR Survival Curves? (*Stefanos Koutsouris et al*)
(Paper 30)
- 1.4 When to Use Competing Risks – An AOANJRR Perspective. (*Michelle Lorimer et al*)
(Paper 126)
- 1.5 Channeling Bias In Non-Randomised Evaluation Of New Total Hip Arthroplasty Implants. (*Anne Lübbeke et al*)
(Paper 102)
- 1.6 Seeing The Forest And The Trees: An Interactive, Open-Source Platform For Online Exploratory Analysis And Reporting Of Arthroplasty Registry Data. (*Tim Churches et al*)
(Paper 81)
- 1.7 The Validity Of Patient Reported Complications After Hip Or Knee Arthroplasty. (*I A Harris et al*)
(Paper 80)
- 1.8 Cumulative Incidence Of Revision – Accounting For Bilateral Total Hip Replacements. (*Stéphanie van der Pas et al*)
(Paper 25)
- 1.9 The NJR And The Genetics Of Developmental Dysplasia Of The Hip. (*J. Mark Wilkinson*)
(Paper 7)

15.00 - 15.30 Coffee

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15.30 – 17.00**Podium 2 Key Outputs and Registry Value
Chairs Keijo Makela, Rob Nelissen**

- 2.1 Learning Curve for Total Hip Arthroplasty with New Prostheses. (*R de Steiger et al*)
(Paper 119)
- 2.2 Implant Survival Of The Most Common Cemented Total Hip Devices From The Nordic Arthroplasty Register Association. (*Junnila Mika et al*)
(Paper 86)
- 2.3 Unacceptable Mid Term Revision Risk Of Primary Modular Total Hip Replacement Stems. (*Eric Bohm et al*)
(Paper 27)
- 2.4 The Association Between Cement Type And The Subsequent Risk Of Revision Surgery In Total Hip Replacement: An Analysis Of Data From The National Joint Registry For England, Wales And Northern Ireland. (*Lea Trela-Larsen et al*)
(Paper 31)
- 2.5 Nationwide Review Of Mixed And Non-Mixed Femoral And Acetabular Components From Different Manufacturers In Total Hip Arthroplasty: A Dutch Arthroplasty Register Study. (*R.M. Peters et al*)
(Paper 2)
- 2.6 Eight Years Survivorship Of Computer Navigated Total Knee Replacement Reported To The Norwegian Arthroplasty Register. (*Gro S Dyrhovden et al*)
(Paper 69)
- 2.7 Computer Navigation in Total Hip Arthroplasty: The Australian Experience. (*William Donnelly et al*)
(Paper 129)
- 2.8 Effect Of Surgical Approach And Head Size On Revision Rate After Total Hip Arthroplasty In The Netherlands. (*WP Zijlstra et al*)
(Paper 6)

38 & 39 Combine

- 2.9 Large Variation In One-Year Revision Rate Of Total Hip Arthroplasty Between Hospitals In The Netherlands. (*LN van Steenberg et al*)
(Paper 38)

One-Year Revision Rate Of Total Knee Arthroplasty: Large Differences Between Hospitals In The Netherlands. (*LN van Steenberg et al*)
(Paper 39)

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17.15 **Bus departure to Manchester**

18.15 **Arrive Manchester Lowry Hotel**

19.30-20.00 **Drinks reception Lowry**

20.00 **Manchester restaurants**

SUNDAY 29th May

Venue: **Lowry Hotel Manchester**

08.45 Welcome to Manchester Martyn Porter

08.45 – 09.45 **Podium 3 Bearing Material**
Chairs Richard de Steiger, Goran Garellick

- 3.1 The Birmingham Hip Resurfacing (BHR) Does Not Have a Lower Revision Rate than the Best Conventional Total Hip Replacements (THR) in Men Under the Age of 65 in the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR). (*J D Stoney et al*)
(Paper 130)
- 3.2 Mid- to long-term survivorship of hip resurfacing arthroplasty based on data from the finnish arthroplasty register
(*Matti Seppänen et al*)
(Paper 87)
- 3.3 Is The Metal-On-Metal Resurfacing Hip Prosthesis Still A Durable Option For Young (<55 Years) Patients In The Netherlands. (*LN van Steenbergen et al*)
(Paper 40)

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- 3.4 Heart Failure After ASR XL Metal-on-Metal Hip Replacements in Men. (*SE Graves et al*)
(Paper 122)
- 3.5 Mixed Outcome in a Design-Specific Comparison Between Highly Cross-Linked and Conventional Polyethylene in Total Hip Arthroplasty. 163368 THR in the Total Nordic Arthroplasty Register Association Database with 5 – 11 Years Follow Up. (*Johansson Per-Erik et al*)
(Paper 84)
- 3.6 Highly Cross-Linked Polyethylene Versus Conventional Polyethylene In Total Knee Replacement: An Analysis Of Implant Survival Using The National Joint Registry Dataset. (*T Partridge et al*)
(Paper 72)
- 3.7 Ceramic on ceramic articulation in 4926 uncemented total hip replacements with up to 15 years follow up reported to the norwegian arthroplasty register (Ove Furnes et al)
(Paper 88)
- 3.8 Is patient-reported outcome after total hip arthroplasty influenced by type of bearings? results from a danish nationwide registry-based study
(*Claus Varnum*)
(Paper 104)

09.45-10.15 Keynote speaker TBC

10.15- 10.45 Coffee and poster viewing

**10.45- 11.45 Plenary Session 3 Industry session,
Overview of a global benchmarking system and ODEP
Chairs Steve Graves, Blair Fraser**

10.45 – 10.55 ODEP Keith Tucker

10.55 - 11.05 Eucomed Luca Orlandini

11.05 – 11.15 AdvaMed Paul Voorhorst

11.15 - 11.25 Benchmarking Methodology Nicole Pratt

11.25 – 11.45 Panel Discussion

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11.45-12.45 Plenary Session 4 Infection
Chairs Ashley Blom, Anne Lubbeke Wolff

11.45 – 12.05 INFORM study Ashley Blom

12.05 – 12.15 Bone and Joint Infection Registry Mike Reed

12.15 – 12.25 How accurate are registries in diagnosing infection? Soren Overgaard

12.25- 12.35 Co-morbidities and infection – How can we minimize the risk? David
 Lewallen

12.35 -12.45 Panel Discussion

12.45-13.45 Lunch

13.45 – 14.45 Podium 4 Infection
Chairs Soeren Overgaard, David Lewallen

- 4.1 Increasing burden of infection and risk of early revision for prosthetic joint replacement following primary and revision hip replacements and knee replacements. An analysis of the National Joint Registry for England and Wales. (*Erik Lenguerrand et al*) (Paper 14)
- 4.2 Increasing Incidence Of Surgically Treated Early Prosthetic Joint Infection In Total Hip Arthroplasty, During 2005 To 2015. (*Per Hviid Gundtoft et al*) (Paper 26)
- 4.3 Patient reported outcome in 50 cases of open debridement and exchange of tibial insert due to postoperative prosthetic joint infection (PJI). (*Annette W-Dahl et al*) (Paper 53)
- 4.4 Is There An Association Between Smoking Status And Prosthetic Joint Infection Following Primary Total Joint Arthroplasty? (*Inez Amanda Gonzalez et al*) (Paper 67)

Combine 24 & 23

- 4.5 Higher Amounts Of Opioid Use After Total Joint Arthroplasty Is Associated With Greater Risk Of Readmissions And Infections. (*Maria C. S. Inacio et al*) (Paper 24)

Risk factors for persistent and new chronic opioid use in patients undergoing total hip arthroplasty
 (*Maria C.S. Inacio et al*)
 (Paper 23)

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- 4.6 Surgeon-Specific Risk Factors For Periprosthetic Deep Infection: An Analysis Of 8,056 Shoulder Arthroplasties. (*Edward Yian et al*)
(Paper 17)

14.45-15.30 Podium 5 Emerging Registries
Chairs Henrik Malchau, Ove Furnes

combine 74 and 75 (America)

- 5.1 American Joint Replacement Registry (AJRR): Current Issues In Implementation. (*Caryn D. Etkin et al*)
(Paper 74)

American Joint Replacement Registry (AJRR): North American Trends In Arthroplasty Practice And Implant Selection. (*Caryn D. Etkin et al*)
(Paper 75)

- 5.2 Primary and Revision Case Capture in the Michigan Arthroplasty Registry. (*Hallstrom B et al*)
(Paper 91)
- 5.3 The Malawi National Joint Registry: 10-Year Outcome of Joint Replacement in a Low-income Country. (*Simon Matthew Graham et al*)
(Paper 34)
- 5.4 Italian Arthroplasty Registry: Highlights From The 2015 Annual Report. (*Marina Torre et al*)
(Paper 98)

combine 96 and 97 (Catalan)

- 5.5 10-year Survival Of Hip Arthroplasties. Results Of The Catalan Arthroplasty Register (RACat). (*Jorge Arias et al*)
(Paper 96)

10-year Survival Of Knee Arthroplasties. Results Of The Catalan Arthroplasty Register (RACat). (*Olga Martínez et al*)
(Paper 97)

- 5.6 Positive Impact Of Pakistan National Joint Registry In Development Of National Registries In Surgical And Medical Allied Specialities. (*Prof. Syed Shahid Noor et al*)
(Paper 131)
- 5.7 Arthroplasty Register Tyrol: Status And Womac Questionnaire. (*Willi Oberaigne et al*)
(Paper 16)

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- 5.8 Failure Of Hip And Knee Arthroplasty In Relation To Availability And Selection Of Implants: 9 Year Data From The Egyptian Community Arthroplasty Register. (*Mahmoud Hafez et al*)
(Paper 134)
- 5.9 Primary Total Hip Arthroplasty. A Survival Comparison Based On Cemented And Cementless Implants Reported To The Romanian Arthroplasty Register. (*Cristian Ioan Stoica et al*)
(Paper 89)

15.30- 16.00 Coffee and Posters

**16.00-16.45 Plenary Session 5 Revision Arthroplasty
Chairs Daniel Berry, Eric Bohm**

16.00 – 16.10 **Overview The burden of revision hip and knee arthroplasty** Dan Berry

Specific causes of revision

16.10 – 16.20 Revision for dislocation – The Australian experience Peter Lewis

16.20 – 16.30 Revision for peri-prosthetic fracture in TKA – The Swedish experience Otto Robertsson

16.30 – 16.40 Revision for cement in cement femoral stem revision. Is this the way to go? National Registry U.K. & Wales

Questions

**16.45 - 17.45 Podium 6 Revisions
Chairs Kevin Bozic, Shahid Noor**

9 & 10 combine

- 6.1 Long-Term Mortality Following Revision Total Hip Arthroplasty. (*Hilal Maradit Kremers et al*)
(Paper 9)

Mortality Following Periprosthetic Femur Fractures During And After THA. (*Matthew P Abdel et al*)
(Paper 10)

- 6.2 Revision Risks Of Dual Mobility Cups In Total Hip Arthroplasty - A Matched Register-Based Study From The Nordic Arthroplasty Register Association. (*R. Kreipke et al*)
(Paper 105)

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- 6.3 Promising Short-Term Data On Dual Mobility Cups Used In Revision Performed Due To Dislocation. Are The Results As Reported In The SHAR Comparable To The Literature? (*P. Cnudde et al*)
(Paper 77)
- 6.4 Cement-In-Cement Stem Revision – Can Data From The SHAR Confirm The Published Results? (*P. Cnudde et al*)
(Paper 78)
- 6.5 Revision of THA For Periprosthetic Fracture. (*R de Steiger et al*)
(Paper 118)
- 6.6 Revision for Femoral Component Breakage after THR: Analysis from the AOANJRR. (*P Lewis et al*).
(Paper 123)

17.45 **Close**

19.30 **Congress Dinner**
 Manchester Museum of Science and Industry

MONDAY 30th May

Venue Lowry Hotel Manchester

08.30-09.30 **Podium 7 Knee Replacement**
 Chairs Otto Robertsson, Peter Lewis

- 7.1 Using International Registry Data To Quantify The Lifetime Risk Of Primary Total Knee Replacement Surgery. (*Ilana N Ackerman et al*)
(Paper 15)
- 7.2 Venous Thromboembolism Prophylaxis In Primary Total Knee Arthroplasty: An Examination Of 30,499 Patients From A United States Total Joint Registry. (*Monti Khatod, MD et al*)
(Paper 48)
- 7.3 Total knee arthroplasty after previous high tibial osteotomy compared to total knee arthroplasty as the first measure - The patients and their outcome. (*W-Dahl A et al*)
(Paper 52)

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- 7.4 Increased Risk Of Complications After Total Knee Arthroplasty In Patients With Previous Patellectomy. (*Omar J. Haque et al*)
(Paper 13)
- 7.5 Is Selectively Not Resurfacing The Patella An Acceptable Practice In Primary Total Knee Arthroplasty? (*Hilal Maradit Kremers et al*)
(Paper 12)
- 7.6 The Outcome Of Unicompartmental Knee Arthroplasties After Aseptic Revision Into Total Knee Arthroplasties.
A Comparative Study Of 768 Total Knees And 578 Uni Knees Revised To Total Knees Reported To The Norwegian Arthroplasty Register (1994-2011). (*Tesfaye H. Leta et al*)
(Paper 5)
- 7.7 Ageing Generation Responsible for High Incidences of Knee Arthroplasties. A population based study from Nordic Arthroplasty Register Association. (*Mika Niemeläinen et al*)
(Paper 21)
- 7.8 Failure rate of cemented and uncemented total knee replacement in working-age population: a register study of combined Nordic database of four nations. (*Mika Niemeläinen et al*)
(Paper 22)

09.30- 10.30 Plenary Session 6 Value based healthcare: How healthcare uses information

Chairs Ola Rolfson, Liz Paxton

Speakers Moziar Mohaddes, Tom Barber, Steve Graves, NJR

1030-11.00 Coffee and poster viewing

11.00- 11.30 **Debate: The Value of Registries:**

Registries have not done enough!! Peter Kay
Registries have led the way!! Richard de Steiger

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11.30-12.30 Podium 8 Epidemiology
Chairs Anders Odgaard, Caryn Etkin

- 9.1 Prevalence And Trends Of Analgesic Medication Utilisation In Patients Undergoing Total Joint Replacement Surgery. (*Maria C.S. Inacio et al*)
(Paper 44)
- 9.2 Smoking Is Associated With Worse Patient-Reported Outcomes After Total Hip Replacement. (*Ola Rolfson et al*)
(Paper 85)
- 9.3 Cause-Specific Mortality Trends Following Total Hip And Knee Arthroplasty. (*John C. Michet et al*)
(Paper 8)
- 9.4 The rates of hip and knee joint replacement amongst different ethnic groups in England: An analysis of linked data from the National Joint Registry (NJR) and Hospital Episode Statistics (HES) database. (*Michèle C. Smith et al*)
(Paper 42)
- 9.5 Low back surgery prior to total hip replacement is associated with worse patient-reported outcomes. (*Ted Eneqvist et al*)
(Paper 4)
- 9.6 Bipolar Arthroplasty for Fractured Neck of Femur in Sweden and Australia. (*C Rogmark et al*)
(Paper 124)
- 9.7 Effect Of Hospital And Surgeon Volume On Mortality After Hip Fracture. (*Kanu Okike et al*)
(Paper 51)
- 9.8 Early Mortality and Morbidity after Total Hip Arthroplasty in Patients with Femoral Neck Fracture: A Nationwide Study on 24,699 cases and 118,518 Matched Controls. (*Nils P Hailer et al*)
(Paper 18)
- 9.9 Impact Of Improved Completeness Of Periprosthetic Fracture Recordings. Crossmatching Of Total Hip Replacement In The Swedish Hip Arthroplasty Register With The National Patient Register. (*Georgios Chatziagorou et al*)
(Paper 49)

12.30- 13.30 Lunch

Concurrent Plenary Sessions

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**13.30-14.30 Plenary Session 7 Shoulders
Chair Richard Page, Amar Rangan**

- 13.30 – 13.45 Modularity in the shoulder. Good or Bad? Richard Page
- 13.45 – 14.00 Classification of shoulder prostheses. What's different ?
Bjorn Salomonsson
- 14.00 – 14.15 What's different about the shoulder pathology? Ron Navarro
- 14.15 – 14.30 Panel discussion

**13.30-15.30 Plenary Session 8 – International Signal Detection and Risk
Calculators**

Chairs Liz Paxton, Richard de Steiger

- 13.30 – 13.40 Minimum dataset required for registries Stephen Graves
- 13.40 – 13.50 Overview of international signal detection Richard de Steiger
- 13.50 – 14.00 Identifying specific prostheses Speaker from Dutch?
- 14.00 – 14.10 Identifying Attributes Speaker from NJR?
- 14.10 – 14.20 Panel Discussion
- Risk calculator development
- 14.20 – 14.30 NARA Goran Garellick
- 14.30 -14.40 Kaiser Permanente Liz Paxton
- 14.40 – 14.50 National Joint Registry UK & Wales Mark Wilkinson
- 14.50 – 15.00 MARCQI Richard Hughes
- 15.00 – 15.30 Panel Discussion

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14.30- 15.30 Podium 9 Shoulders
Chairs Ron Navarro and local moderator

- 8.1 Towards Standardized Definitions Of Shoulder Arthroplasty-Related Complications: A Systematic Review Of Terms And Definitions. (*Laurent Audigé et al*)
(Paper 90)
- 8.2 Geographic Locality, Socioeconomic Position and Primary Total Shoulder Arthroplasty: A Multi-level Study of the Australian Orthopaedic Association National Joint Replacement Registry Data. (*Sharon L Brennan-Olsen et al*)
(Paper 121)
- 8.3 Early Revision in Conventional Total Shoulder Arthroplasty in Osteoarthritis: A Cross-Registry Comparison. (*Mark T. Dillon et al*)
(Paper 114)
- 8.4 Risk Factors associated with revision of reverse total shoulder replacement: A National Registry analysis. (*Richard Page et al*)
(Paper 125)
- 8.5 A comparison of the Minimum Data Sets of the National Shoulder Arthroplasty Registries. (*Philip Holland et al*)
(Paper 32)
- 8.6 Risk Of Revision And Reasons For Revision After Shoulder Replacement For Acute Fracture Of The Proximal Humerus: A Nordic Registry-Based Study Of 6,756 Cases. (*Stig Brorson et al*)
(Paper 50)

15.30- 15.45 Coffee

15.45- 16.15 Awards and meeting summary (Poster presentations)

Close of meeting by 16.15

16.30-17.30 ISAR Steering Committee Meeting