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Dr. Koen De Smet is an orthopaedic & trauma surgeon, specialized in the hip resurfacing method and Revision hip surgeries and also the owner of ANCA Medical Center for Hip Surgery at Ghent (Deurle), Belgium.

With more than 4500 hip resurfacing surgeries under his name, Dr. Koen De Smet is is one of the world's top and most experienced surgeons in hip surgeries.



Career

Awards:

2014

AWARD FOR BEST CLINICAL POSTER

Title: "Systemic Toxicity of Metal Ions from Metal-On-Metal Hip Arthroplasties"
Hawaii, United States

2012

HIP SOCIETY'S OTTO AUFRANC AWARD

Title: "The Interpretation of Metal Ion Levels in Unilateral and Bilateral Hip Resurfacing"
San Francisco, United States.

2011

GRANTED THE AWARD FOR SECOND BEST POSTER

Title: "Minimum 10 Year Follow Up of the Birmingham Hip Resurfacing – an Independent Series"
Brugge, Belgium

2010

FIRST AWARD FOR ADULT RECONSTRUCTION POSTER Poster #P100

Title: "Interpretation of Metal Ion Levels after Metal-On-Metal Hip Resurfacing"
New Orleans, Unites States

2006

JOHN CHARNLEY AWARD HIP SOCIETY

Title: "A Study of Implant Failure in Metal-on-Metal Surface Arthroplasties"
Chicago, Unites States

Experience:

Experience in TOTAL HIP ARTHROPLASTY

- **Over 12000 Primary, Over 1100 Revisions, Over 5500 Resurfacings**

INVENTED Products

- RETROGRADE MARCHETTINAIL with crossed intercondylar screws for supracondylar femoral fractures
 - QUADRAFIX CUP WRIGHT MEDICAL (PATTENTED DEVICE)
 - UNCEMENTED CONSERVE RESURFACING HEAD
 - AGILIS CUP ADLER
 - FEMORAL GUIDING SYSTEM FOR RESURFACING TECHNIQUE
-

Lectures and congresses:

2017 IX ANNUAL MEETING OF HIP SURGERY IN YOUNG ADULT - MADRID

Invited speaker: Metal on Metal, is an option in 2017?

2015 CCJR – Current Concepts in Joint Replacement – Orlando, Florida – USA

Invited Speaker: MOM Hip Resurfacing: An Option for Right Patient & Surgeon

Panel Member: "Performing a Primary Hip Arthroplasty" and "Challenges in Hip Surgery"

Technique Presenter: "Tips, Techniques & Technologies in Knee and Hip Reconstructions"

International Congress for Joint Reconstruction – Middle East (ICRJ), Dubai, UE

Invited Speaker: "The Role of Hip Resurfacing 2015"

International Society for Technology in Arthroplasty (ISTA), Vienna, Austria

Moderator Kiosk Session: Hip arthroplasty in young patients, outcomes, materials, metal ions

Moderator Podium: Hip arthroplasty in the patient under 50: long term clinical series

Invited Speaker: "Options for hip arthroplasty in patients younger than 50 years

Comparison of metal-metal hip resurfacing and ceramic - ceramic total hip arthroplasty outcomes at more than 10 years follow-up."

2014 Barcelona Hip Meeting, Barcelona, Spain

Invited speaker: Metal-on-Metal bearings. Lessons learned

State of the Art in Hip & Knee Arthroplasty: A Lifestyle Solution, Brussels, Belgium

Invited speaker: Hip resurfacing: Clinical Experience

Panel member: Surgical approaches

International Congress of Joint Replacement (ICJR), Hawaii, USA

"Systemic Toxicity of Metal Ions from Metal-on-Metal Hip Arthroplasties."

Van Der Straeten C, De Roest B, De Smet K.

International Congress of Joint Replacement (ICJR), Hawaii, USA

"Minimum ten years' survivorship of the Birmingham Hip Resurfacing."

De Smet K, Van Der Straeten C.

Award for best clinical poster

EFFORT Congress London, GB

"Systemic Toxicity of Metal Ions in a Metal- On-Metal Hip Arthroplasty population."

Van Der Straeten C, De Roest B, De Smet K.

Finding an International "Consensus" in the MOM Resurfacing, Ghent.

6th Advanced Resurfacing Course: New orthopaedic devices overrated in the short term, underestimated in the long run

Presentations:

- BHR non-designer series
- Issues with specific hip resurfacing designs
- Ghent Algorithm
- The future of Hip Resurfacing: Belgium's point of view

Congress of the AAOS, New Orleans, LA, USA

“Metal ions from hip resurfacings decline at ten years”

Van Der Straeten C, Koen De Smet.

“Histological reaction around metal-metal total hips independent on dosage of wear debris.”

Patricia Campbell, Koen De Smet.

“Systemic Cobalt toxicity in a metal-on-metal hip arthroplasty population.”

Catherine Van Der Straeten, Damien Van Quickenborne, Seth Pennynck, Bart De Roest, Jan Victor, Koen De Smet

“How does the intra-operative cup orientation relate with the resultant radiographic?”

George Grammatopoulos, Koen De Smet.

2013

International Society for Technology in Arthroplasty meeting West Palm Beach, Florida, USA

Years”

“Metal Ions From Well-Functioning Hip Resurfacings Decline Significantly at Ten

Catherine Van Der Straeten, Damien Van Quickenborne, Bart De Roest, Jan Victor, Koen De Smet.

“Systemic Cobalt toxicity in a metal-on-metal hip arthroplasty population.”

Catherine Van Der Straeten, D. Van Quickenborne, S. Pennynck, B. De Roest, J. Victor, Koen De Smet.

EFFORT meeting Istanbul, Turkey

“Randomized Controlled Trial comparing Nine Different Hip Resurfacing Designs.”

Catherine Van Der Straeten, Bart De Roest, Koen De Smet.

10th Symposium Joint Preserving and Minimally Invasive surgery of the hip – Quebec, Canada

Congress at La Sapienza University Rome, Italy

“Is there still a place for metal-on-metal hip arthroplasty?”

Alessandro Calistri, Catherine Van Der Straeten, Koen De Smet.

British Hip Society Annual Meeting, Bristol, UK

“Randomized Controlled Trial comparing Nine Different Hip Resurfacing Designs.”

Catherine Van Der Straeten, Bart De Roest, Koen De Smet.

Orthopedic Research Society 2013 Annual Meeting San Antonio, TX, USA

“Randomized Controlled Trial comparing Nine Different Hip Resurfacing Designs.”

Van Der Straeten C, De Roest B, De Smet K

2012

Meeting of the International Society of Technology in Arthroplasty, Sydney, Australia

“Randomized Controlled Trial comparing Nine Different Hip Resurfacing Designs.”

Catherine Van Der Straeten, Bart De Roest, Koen De Smet.

“The interpretation of metal ion levels in unilateral and bilateral hip resurfacing.”

Catherine Van Der Straeten, G. Grammatopoulos, A. Calistri, Richie Gill, P. Campbell, Koen De Smet

Posters:

- “Radiographic Evaluation of Hip Resurfacing: Validation of a New Zonal System.”
- “Minimum 10 year follow-up of the Birmingham Hip Resurfacing. An independent series.

European Hip Society Congress Milano, Italy

“The role of radiographs in the diagnosis of a problematic hip resurfacing. “

Catherine Van Der Straeten, G. Grammatopoulos, A. Calistri, D. Van Quickenborne, Koen De Smet.

“The interpretation of metal ion levels in unilateral and bilateral hip resurfacing.”

Catherine Van Der Straeten, G. Grammatopoulos, A. Calistri, R. Gill, P. Campbell, Koen De Smet.

Poster:

- “Minimum 10 years’ follow-up of the Birmingham Hip Resurfacing.”

Course chairman in the 5th Advanced Resurfacing Course, Ghent, Belgium

Presentations:

- Why is Hip Resurfacing still the first choice for young active patients?
- Minimum 10-year survivorship independent BHR series.
- Improved outcome with modified surgical practice.
- Discussion of failed and problematic cases.

Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, USA

“The Evolution of Ion Levels During Steady-State Wear in Resurfaced Hips.”

Van Der Straeten C. (co-authors: Grammatopoulos G, Gill HS, De Smet K.

“What Are Safe Upper Limits in Well Functioning Resurfaced Hips?”

Hip Society meeting: American Hip Society Otto Aufranc Award 2012

“The interpretation of Metal Ion Levels in Unilateral and Bilateral Hip Resurfacing.”

Van Der Straeten C, Grammatopoulos G, Gill HS, Calistri A, Campbell P, De Smet K.

EFFORT Congress Berlin, Germany

“What Are Safe Upper Limits in Well Functioning Resurfaced Hips?”

“Radiographic Evaluation of Hip Resurfacing. Validation of a new zonal system.”

Van Der Straeten C., Grammatopoulos G, Gill HS, Calistri A, Campbell P, De Smet K.

E-poster-paper:

- **“The Evolution of metal ions levels during the steady-state phase of resurfaced hips.**

2011

International Society for Technology in Arthroplasty (ISTA), Bruges, Belgium.

Posters:

- Minimum 10 Year Follow Up of the Birmingham Hip Resurfacing – an Independent Series.
Granted the Award for Second best poster
- The Role of Radiographs in the Diagnosis of a Problematic Hip Resurfacing.
- Causes of Revision of Hip Resurfacings From a Specialist Independent Centre.
- Can We Improve Outcome Following Revision of Hip Resurfacings?

Chairman: Sessions

- Hip Arthroplasty
- Bioactive Titanium Applied for Implant and Bone Substitute

European Orthopaedic Research Society ORS 2011, Vienna, Austria

“Can we improve outcome following revisions of hip resurfacings?”

“The evolution of ion levels during the steady-state phase in resurfaced hips.”

Van Der Straeten C, Grammatopoulos G, De Smet K.

“Interpretation of metal ions in bilaterally resurfaced hips.”

Van Der Straeten C, Grammatopoulos G, Gill HS, De Smet K.

12th EFORT Congress Copenhagen, Denmark

“The future for resurfacing THA: Pro's and con's.”

Presentation: The best design in resurfacing

Orthopaedica Belgica Congress 2011: The Spine & Hip in 2011: Facts, Myths, Liege, Belgium

“Modern Metal on Metal resurfacing, an already dying trend or a viable option in selected cases?”

First Open Meeting BHS – Belgian Hip Society, Ghent, Belgium

Invited Speaker: Practical approach to Metal-On-metal.

British Hip Society Meeting, Torquay, UK

“Can the outcome of hip resurfacing revision be improved.”

“Causes of hip resurfacing revisions.”

Van Der Straeten C, Grammatopoulos G, De Smet K

AAOS San Diego, USA

Podium Presentations:

- Failure causes and modes of modern metal-on-metal hip resurfacing implants
- Annual meeting scientific exhibits
- Influence of Design Features: Wear & Fixation of Large Diameter Metal Acetabular Bearings

The Great Debate – Controversies in the Hip and Knee – London, United Kingdom

Invited Speaker: “Resurfacing Design: Can it evolve further?”

2010

Symposium at European Hip Society meeting Athens, Greece

“Different types hip resurfacing and the importance of metal ions.”

Van Der Straeten C. for De Smet Koen

Hip Arthritis and Hip Reconstruction: a lifestyle solution Florence, Italy

Invited Speaker:

- Surgical Technique: an evolution of more than 10 years
- Consensus paper related to Resurfacing
- Could metal ions be used as an indication for revision of a resurfacing

4th Advanced Resurfacing Course, Ghent , Belgium

Course Chairman:

Presentations:

- Practical use of metal ions
- The facts/new guidelines
- Sawbones and specific techniques/ live transmission – Conserve
- Case Studies: Failed Resurfacings: what to do?

Conserve Plus – 1st Circle of Knowledge, Ghent, Belgium

Invited Speaker: Real indications for hip resurfacing: Back to Basic?_1000+ Conserve Plus follow up

Advanced Topics in Hip Resurfacing at the hospital of special surgery (HHS)

Presentations:

- “posterior approach” (video)
- “Metal ions relative to cup design and position”
- “Lessons from the Masters”
- “My approach to the painful resurfacing”
- “Using metal ions as a diagnostic tool”

V Jornadas De Circugia De Cadera Del Adulto Joven – Madrid, Spain

Invited speaker:

- Cirugia en Directo " Protesis de superficie en cadera compleja" (Live surgery)
- Complicaciones en la orientacion de las protesis de superficie.

AAOOS Meeting New Orleans, USA

First Award for Adult Reconstruction Poster

Title: "Interpretation of Metal Ion Levels after Metal-On-Metal Hip Resurfacing."

RTAP Meeting Wright, New Orleans, USA

Invited Speaker:

- My truth and remarks
- Metal Ion Study update (THA vs. RA, A-Class and Traditional)
- Comparison of various resurfacing systems, study update

IMUKA 2010 Current Concepts in Orthopaedic Pathology, Maastricht, The Netherlands

Invited Speaker:

- Operative technique
- Revision of failed resurfacing

8ème Forum de l'institut Marcel Kerboull – Malformation Luxante La Hanche, Paris, France **Presentation:** Des cas de resurfaçage.

The Great Debate: Early intervention in Hip & Knee Imax theatre, Science Museum, London, UK

Invited speaker:

- Resurfacing in conservative and effective
- Metal-on-metal is still OK
- Surgical techniques: Are they/we good enough? Debate

2009

Symposium und Anwendertreffen met Operationskurs an thieifixierten präparaten – Munster, Germany

Invited speaker:

- Are there any limits in hip resurfacing
- Long-term results of the hip resurfacing in patients with hip osteoarthritis

Third Annual Hip Joint Preservation and Resurfacing Arthroplasty Course. Baltimore, Maryland – US

Lectures:

- Indications and Learning Curve
- Wright Medical Technology
- Technical Factors associated with an Adverse Local Tissue Response (Verified Cups)
- Technical Factors and Ion Levels

Sport and Orthopaedics – Amsterdam, The Netherlands

Lecture: "Grenzen aan Hip resurfacing?"

Resurfacing Advanced Course, Ghent, Belgium

Lectures:

- My experience
- Metal ions as a diagnostic tool

10th Effort Congress – Vienne, Austria

Invited Speaker:

- The use of large hard-on-hard bearings
- My selection for the right bearing material
- Experience with Different Designs of Resurfacing
- Factors Influencing Release of Metal Debris

Hip Arthritis: Assessment, Management, Consequences – Oxford, United Kingdom

- Introduction – Hip Arthritis, Pathogenesis, Epidemiology and history
- Resurfacing in Hip Arthroplasty
- My indications and Outcomes
- LDD: Can We Adjust Leg Length in Resurfacing?
- The Profemur® in My Practice
- Posterior Approach in Resurfacing
- Choosing Implants and Selecting Patients: Things You Should Know

IV Annual Meeting Of Hip Surgery in Young Adult, New Hip Arthroplasty Options – Madrid, Spain

Invited Speaker:

- Inclination of the acetabular component and metal ion levels in hip resurfacing.
- Sports Activities after hip resurfacing

International Sales training – Wright Medical AAOS Las Vegas, USA

Invited Speaker:

- Conserve Plus Hip System
- Challenging/Difficult cases, Clinical data, wear analysis, competition review

The Great Debate – Early Intervention in the Hip & Knee, London, UK

Invited Speaker:

- Hard on Hard is better.
- Problematic Young Women

2008

Oberflächenersatz am Hüftgelenk – Munster, Germany

Invited speaker:

- Conserve Plus Wright Medical

Second Annual U.S. Comprehensive Course on Total Hip Resurfacing Arthroplasty – LA, California

Invited speaker:

- My three most important lessons.
- Acoustic Phenomena in Resurfacing
- Posterior Approach
- Clinical Significance of Ion Levels
- Case examples and management variables: Panel

Advances in Metal-on-Metal Bearings – Wright Medical – Oxford, UK

Presentation:

- Video presentation on the modified posterior approach.
- Conserve plus ion data.
- What about dysplastic hips?

Hip Surgery-congress - Centre Pierre Baudis – Toulouse, France

Resurfacing Advanced Course, Course Chairman “ HET PAND GHENT “, Belgium

Lectures:

- Entry point, femoral guiding, femoral procedure.
- Metal ions as a diagnostic tool
- Life surgery, posterior approach, Conserve Plus.

**ECU Convention 2008- Chiropractic Horizons, possibilities and limitations.
Workshop Major Joint Replacements Brussels, Belgium**

**Wright Medical Dinner Presentation - Bernabeu Stadion/ Madrid
MOM Resurfacing / State of the Art**

The Great Debate – early intervention in the Hip and Knee, London, UK

ASR Instructional Course Kiel, Faculty member – Hamburg, Germany

Presentations:

- Pre-operative considerations (Patient selection. Schmalzried's Criteria)
- Bioskills (X-Ray Templating & Sawbones)
- Workshop (Wet Lab Session)

A podium presentation at the 54th Annual Meeting of the Orthopaedic Research Society - San Francisco, California (USA)

Lectures:

- Immunohistopathology Of Tissues From Hips Revised For Suspected Metal Sensitivity.
- AUTHORS: Pat Campbell(1); Scott Nelson(2); Andrew Shimmin(3); Koen De Smet(4)

AAOS Scientific Exhibit

"Metal Ion Measurement as a Diagnostic Tool To Identify Problems With Metal-On-Metal Hip Resurfacing."
De Smet Koen A., De Haan R., Calistri A., Campbell P., Gill Harinderjit3, Ebramzadeh Edward

2007

Congrès Orthopédie Ranguel, Toulouse (France)

"Le resurfaçage de la hanche : aspects techniques"

Invited speaker:

- Planification / choix de la taille des implants
- Voies d'abord, luxation, exposition acetabulaire
- Orientation de la cupule fémorale
- Adaptation de la longueur et cimentation de l'implant femoral
- Prévention d'un conflit antérieur ou postérieur
- Contre indications du resurfaçage de la hanche

Meeting Coxarthrose – Biomecanique – Osteotomies – Protheses, Ixelles, Belgium

Invited speaker:

- 9 années de resurfaçage : qu'a-t'on appris ?

First Annual U.S. Comprehensive Course on Total Hip Resurfacing Arthroplasty – Annapolis, Maryland, US

Invited Speaker:

- Hip Resurfacing: Belgian Experience and Revision Experience
- Acoustic Phenomena and Differences with Various Resurfacing Systems
- Metal Hypersensitivity

Australian Orthopaedic Association, 67th Annual Scientific meeting, Gold Coast, Australia

Invited speaker:

- Outcome of resurfacing – 5-8 year follow up
- What not to resurface
- Revision of resurfacing
- Thermal effects on femoral bone in hip resurfacing

**High Performance THA vs. Hip Resurfacing, Annapolis (USA)
"Current Issues and Treatment Algorithms."**

Invited speaker:

- Experiences with different resurfacing systems

ISTA's 20th Annual Congress, Paris (France)

Chairman and Invited speaker

Lectures:

- Histopathology of Revised Hip Resurfacing For Suspected Metal Sensitivity
- Malpositioned cups as reason for revision in metal-on-metal hip resurfacing arthroplasty
- Cement distribution and thermal necrosis in failed hip resurfacings
- The choice of surgical approach for hip resurfacing affects femoral head blood supply-an analysis of four different approaches
- Metal ion levels and x-ray follow-up as predictors for problems and outcome in hip resurfacing arthroplasty
- Implant retrieval analysis of failed hip resurfacing

Advances in Metal-on-Metal Bearings, Oxford (UK)

Invited speaker:

- Patient selection
- Importance of templating and patient positioning
- Video presentation of the important steps of the posterior approach
- What if it does go wrong? Why does it go wrong?

Le Métal-Métal: De l'arthroplastie totale au resurfaçage de hanche, Lille (France)

Invited speaker:

- Le Resurfaçage: Choix des implants, voie d'abord, facteurs d'échec du resurfaçage

Meeting 'Hip Resurfacing: Back to the future' Tilburg, The Netherlands

Invited speaker: "The present of hip resurfacing"

Sixth Symposium on JOINT PRESERVING AND MINIMALLY INVASIVE SURGERY OF THE HIP, California – US

Faculty member:

- Causes and Revisions of Failed Sockets
- Posterior Approach

8th EFORT Congress, Florence, Italy

"Pulse-lavage, trochanteric suction and early reduction reduces thermal damage potential during hip resurfacing"

(Dr. Gill H., Campbell P., De Smet K.) speaker: Dr. Gill H.

Advanced Course on Resurfacing, Ghent, Belgium

Organiser and Course Chairman

Invited speaker:

- Instrumentation
- Radiology in Resurfacing. What can be seen ?
- Live surgery – Posterior Approach
- Teacher Cadaver Lab.

Attendance at Wright Meeting Rome, Italy

Modular Necks: 20 years of experience with "an eye to the future".

Invited speaker: "12 years of experience with interchangeable necks"

Attendance at Postgraduate conferences VUB, Brussels, Belgium

"Periprosthetic infections: diagnosis and treatment"

Dr. P. McLardy-Smith

II Symposium USP – ICATME de Cirugia de la Cadera en el Adulto Joven – Sevilla, Spain

Invited speaker:

- Bases Clínicas

- LA PS DIFICIL : Mi experiencia y opciones de revisión
- Experiencia belga

53rd Annual Meeting of the Orthopaedic Research Society, San Diego poster, USA

“Enlarged bursae in hips with metal-on-metal hip resurfacings”

Campbell P, Esposito C, McGarry W, De Smet K

“Well positioned large diameter femoral heads can have low wear in vivo”

Medley JB, McGarry W, Campbell P, De Smet K, Amstutz HC

“Analysis of amount and distribution of cement in resurfaced femoral heads”

Campbell P, Lundergan W, Ebramzadeh E, Wager B, Esposito C, De Smet K, Amstutz, H.C.

4th Annual Winter Arthroplasty Meeting (Wright)

Invited speaker:

- Thermal effects of resurfacing
- When not to resurface
- Revising resurfacings

POSTERS at the 53rd Annual Meeting of the Orthopaedic Research Society, San Diego, US

Posters:

- Enlarged bursae in hips with metal-on-metal joint replacements Campbell P, Esposito C., McGarry W., De Smet K.
- Thermal damage potential is reduced by pulse-lavage & early reduction during hip resurfacing
- Campbell P, Esposito C, McGarry W, DeSmet K: Enlarged bursae in hips with metal-on-metal hip resurfacings.

Advances in Metal-on-Metal Bearings, Rhodes House, South Parks Road, Oxford (UK)

Invited speaker:

- Patient Selection – Personal views
- Surgical Planning & Technique
- Dissection of Surgery, Surgical Opinions
- Contributed Cases – Interactive Session
- Clinical Results in Difficult Cases
- Hands-on session, “Shoot the Pin” / Instrument demonstration
- Resurfacing and Instrumentation-approach

2006

13th EFORT Instructional Course – Hip Surgery Zurich, Switzerland

Invited Speaker: “Resurfacing: why it should work”

5th Annual Joint Preserving and Minimally Invasive Surgery of the Hip Symposium, Ottawa, Canada

Invited speaker: Lecture

- The Acetabular Component in Hip Resurfacing
- Belgium: Posterior Approach for All

2nd ANNUAL Madison-Area SURFACE HIPPY CELEBRATION, Madison, Wisconsin, USA

Invited Speaker:

- Hip Resurfacing

HIP AND KNEE COURSE – HELSINKI, Finland

Invited Speaker:

- Long Term Results of Hip Resurfacing

MEETING Instructional Course on Resurfacing OXFORD, UK

Invited Speaker:

- Surgical Planning and Technique – Discussion
- Dissection op Surgery, - Surgical Opinions
- Interactive Session – Dr. H. Amstutz & Mr. P. McLardy-Smith

- Revisions of Resurfacing

MEETING HOLIDAY INN GHENT EXPO, Belgium

Moderator and meeting director

Invited Speaker: (+ Pat. Campbell)

- Current Issues with Hip Resurfacing
- Lessons Learned from 100 Resurfacing Retrievals

International Society for technology in arthroplasty (ISTA) New York City, USA

Invited Speaker:

- Revisions in Hip Resurfacing Arthroplasty
- Cadaveric workshop Hospital of Special Surgery NY
- Experiments in uncementless design for RSA

MEETING Instructional Course on Resurfacing OXFORD, UK

Invited speaker: Lecture

- Indications for Resurfacing: Basic / Stretching the limits
- Key Steps in Surgery – video
- Surgical Technique in Detail
- Clinical Results in Difficult Cases
- Workshop: European Style Instruments
- Pre-operative Templating / Implant Positioning

52nd Annual Meeting of the Orthopaedic Research Society, Chicago, USA

“Implant retrieval analysis of hybrid metal on metal surface arthroplasties., paper 0508”

Campbell P, DeHaan R, De Smet K

MEETING Wright Medical Dinner (Sullivan’s – Chicago) CHICAGO, USA

Invited speaker: Lecture: Experience and Indications with resurfacing HIPSOCIETY AAOS

John “Charnley Award Hip Society accepted in CORR

“A Study of Implant Failure in Metal-on-Metal Surface Arthroplasties”

Pat Campbell, Phd., Paul E. Baulé MD, Edward Ebramzadeh, Phd., Michel LeDuff, MA., Koen De Smet, MD., Zhen Lu, Phd. and Harlan Amstutz, MD.

3rd WRIGHT ARTHROPLASTY SYMPOSIUM Chamonix, France

Invited speaker: “Difficult Hip Resurfacing Cases”

MEETING Instructional Course on Resurfacing OXFORD, UK

Invited speaker: Lecture:

- Indications for Resurfacing: Basic / Stretching the limits
- Key Steps in Surgery – video
- Surgical Technique in Detail
- Clinical Results – in Difficult Cases
- Workshop: European Style Instruments
- Pre-operative Templating / Implant Positioning
- Revision Options in resurfacing

Meeting HIP RESURFACING State of Art – Surgical strategies ROME, Italy

Invited speaker: Lecture:

- Esperienza in oltre 2000 casi: cosa fare e cosa non fare (Experience in more than 2000 cases: what to do and what not to do)
- Come controllare l'allineamento (Checking alignment)
- La gestione delle cisti femorali (The management of femoral cysts)

Publications:

Publications in Hip international:

ORIGINAL ARTICLE:

“Early results of primary Birmingham hip resurfacing using a hybrid metal-on-metal couple.”

REVIEW:

“Early resection of heterotopic ossification after total hip arthroplasty: A review of the literature.”

“Current expert views on metal-on-metal hip resurfacing arthroplasty. Consensus of the 6th advanced Hip resurfacing course, Ghent, Belgium, May 2014”

Hip resurfacing arthroplasty in young patients: ‘international high-volume centres’ report on the outcome of 11,382 metal-on-metal hip resurfacing arthroplasties in patients ≤50 years at surgery

Catherine Van Der Straeten I and the International Hip Resurfacing Group2, 2020

Publications in orthopaedic clinics North America:

“Belgium experience with metal-on-metal surface arthroplasty.”

“Revisions of Metal-on-Metal Hip Resurfacing: Lessons Learned and Improved Outcome.”

“Failure Modes of 433 Metal-on-Metal Hip Implants: How, Why, and Wear”

Publication in Quaderni di Infezioni Osteoarticolari:

“Two-stage revision of infected total hip replacement with a preformed spacer and uncemented stem.”

Publication in clinical orthopaedics and related research:

“The John Charnley Award: a study of implant failure in metal-on-metal surface arthroplasties.”

“The interpretation of Metal Ion Levels in Unilateral and Bilateral Hip Resurfacing.”

“Immunohistopathology Of Tissues From Hips Revised For Suspected Metal Sensitivity.”

“Histological Features of Pseudotumor-like Tissues From Metal-on-Metal Hips.”

Publication in the Journal of Bone and Joint Surgery:

“Reduction of the potential for thermal damage during hip resurfacing.”



“Metal ion levels in a triathlete with a metal-on-metal resurfacing arthroplasty of the hip.”

“Revision of metal-on-metal resurfacing arthroplasty of the hip: the influence of malpositioning of the components.”

“Correlation between inclination of the acetabular component and metal ion levels in metal-on-metal hip resurfacing replacement.”

“Metal ion measurement as a diagnostic tool to identify problems with metal-on-metal hip resurfacing.”

“Metal-on-metal hip resurfacing: a consensus from the Advanced Hip Resurfacing Course, Ghent, June 2009”

“Fluorine-18 fluorodeoxyglucose-position emission tomography: a highly accurate imaging modality for the diagnosis of chronic musculoskeletal infections.”

“Metal Ions from Hip Resurfacings Decline Significantly at Ten Years.”

“The relationship between operative and radiographic acetabular component orientation Ions from, which factors influence resultant cup orientation?”

Publication in the journal of arthroplasty:

“Complications Encountered with the Use of Constrained Acetabular Prostheses in Total Hip Arthroplasty. Are Large-Diameter Metal-on-Metal Modular Heads a Possible Alternative?”

“Does Intraoperative Cell Salvage Remove Cobalt and Chromium from Reinfused Blood?”

“Re: “hip resurfacing arthroplasty: the Australian experience”.”

“A modified Posterior Approach Preserves Femoral Head Oxygenation During Hip Resurfacing.”

Publications in acta orthopaedica:

“Hip resurfacing: expectations and limitations.”

“Tibiocalcaneal Marchetti-Vicenzi nailing in revision arthrodesis for posttraumatic pseudarthrosis of the ankle.”

Publications in Minerva Ortop Traumatol:

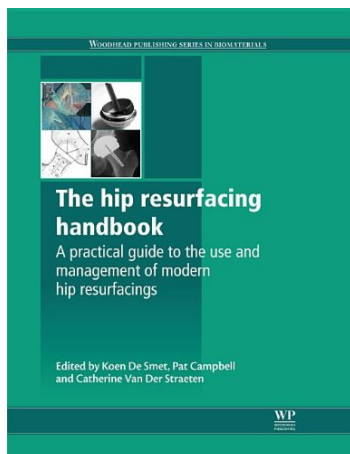
“Conventional total hip Replacement vs. Resurfacing total hip replacement: What’s best for my patient?”

“Revisions of metal-on-metal hip resurfacing : causes, treatment options and improved outcome.”

Publications in “tijdschrift voor geneeskunde”:

“Gehoorderlies bij een bilaterale heupresurfacing.”

Book:



THE HIP RESURFACING HANDBOOK. A PRACTICAL GUIDE TO THE USE AND MANAGEMENT OF MODERN HIP RESURFACING.

Koen De Smet, Pat Campbell and Catherine Van Der Straeten, editors.
Woodhead Publishing Ltd, 2013, Oxford, Cambridge, Philadelphia, New Delhi.



HOW TO DO RESURFACING IN HIP DYSPLASIA

Co-worker in using:

Orthowave program (Dr. Epinet, Bruay-la-buissière, France) in follow up of THP and HRA, and follow up studies for prosthesis

Collaboration in setting up National Belgian Hip Register, development of software. 1995-2003

Lecturer:

Postgraduate course (10 h) in sports physiotherapy pelvis and lower limb for physiotherapists (kinesitherapists) 1998-1999, 1999-2000, 2000-2001

Postgraduate course orthopaedics – traumatology (8 h) for nursing staff (operating room – accident and emergency department) 1998, 1999, 2000

Basic-course orthopaedic surgery for orthopaedic trainees Review-course orthopaedic and traumatologic surgery for advanced trainees. Instructional courses resurfacing Wright Medical / University of OXFORD (GB)

MEMBERSHIP

Member of examination board licentiate's dissertations Moreki 1995-1996

Member of examination board licentiate's dissertations Moreki 1996-1997

MEMBER OF GHENT -UNIVERSITY ORTHOPEDIC STAFF 1995 – 2003

MEMBER OF BELGIAN ORTHOPEDIC ASSOCIATION (BVOT)

MEMBER OF HIPGROUP OF BVOT

MEMBER OF BELGIAN ORTHOPEDIC AND TRAUMA ASSOCIATION (BOTA)

MEMBER OF EUROPEAN HIP SOCIETY (EHS)

MEMBER OF INTERNATIONAL SCIENCE and TECHNOLOGY IN ARTHROPLASTY (ISTA) 1996 – 2017

MEMBER OF AAOS 2004 – 2017

MEMBER AND GUEST EXPERT OF AIOD BELGIUM

MEMBER OF EDITORIAL BOARD OF THE ACTA ORTHOPAEDICA BELGICA

Member of scientific committee and co-organizer of the sixth Bota symposium at Ghent September 13, 1997.

MEMBER OF INTERNATIONAL SCIENTIFIC COMMITTEE CREMASCOLI PROSTHESIS GROUP 1997 – 1998, 1998 – 1999, 1999 – 2000, 2000 – 2001, 2001 – 2002, 2002 – 2003.

MEMBER OF SCIENTIFIC PANEL AND CONSULTANT WRIGHT MEDICAL COMPANY 2004 –2011

COORDINATOR OF THE BELGIUM METASUL AND STUDY GROUP 2000-2001

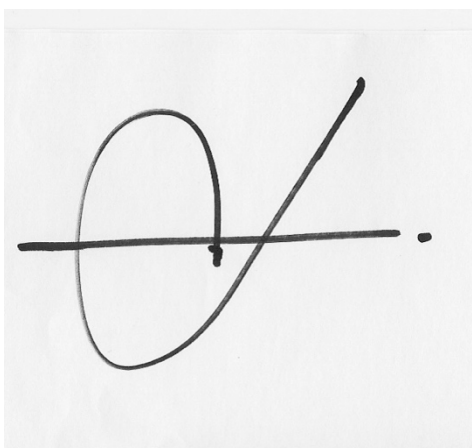
DEMO-SURGEON FOR BELGIAN AND INTERNATIONAL ORTHOPAEDIC SURGEONS FOR BIRMINGHAM HIP RESURFACING SINCE 10/2001 – 11/2003

(2 TO 3 DEMOSESSIONS A MONTH)

CONSULTANT AT THE ELISABETH HOSPITAL DAMME SIJSELE (BELGIUM) 01/03/2001 – 31/12/2002

CONSULTANT AT THE MARIA-MIDDELARES HOSPITAL GHENT (BELGIUM) FOR RESURFACING PROSTHESIS UNTILL 20/03/2004

INDEPENDENT HIP SURGEON @ JAN PALFIJN HOSPITAL SINCE 10/2003



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