

CURRICULUM VITAE

NAME:

BEAULÉ, Paul E., Professor of Surgery,
DOB: October 23rd, 1967; Québec City, Québec.

DEGREES:

FRCS(C), Orthopaedic Surgery, Royal College of Physicians and Surgeons, Canada, 1998
 M.D., Medicine, University of Ottawa, Canada, 1992
 B.Sc., Biology, Magna Cum Laude, University of Ottawa, Canada, 1988

AFFILIATIONS:

- 2012- Professor of Surgery, Division of Orthopaedic Surgery, Department of Surgery,
 Faculty of Medicine University of Ottawa
- 2011- Faculty of Graduate Studies, University of Ottawa.
- 2011 Adjunct Professor, School of Human Kinetics, Faculty of Health Sciences,
 University of Ottawa.
- 2010- Cross-Appointment, Department of Pathology and Laboratory Medicine
 University of Ottawa
- 2000-05 Assistant Clinical Professor, Division of Orthopaedics, University of California,
 Los Angeles (UCLA)

CERTIFICATION AND LICENSURE

Certification

- 2012 **Re-Certification of the Diplomat ABOS**
- 2002 **Diplomat, American Board of Orthopaedic Surgery (ABOS)**
 Certification in Orthopaedic Surgery
- 1998 **Fellow, Royal College of Physicians and Surgeons of Canada**
 Certification in Orthopaedic Surgery

Licensure

- 2002 - **Certificate of Registration**
 American Board of Orthopaedic Surgery
- 1998 - **Certificate of Registration**

College of Physicians and Surgeons of Ontario

1997 - **Licentiate of the Medical Board of California**

1992 - **Licentiate of the Medical College of Canada (LMCC)**

EMPLOYMENT HISTORY:

2015- Head and Chief Division of Orthopaedic Surgery, The Ottawa Hospital, University of Ottawa

2005- Head of Adult Reconstruction, Division of Orthopaedics, The Ottawa Hospital.

2000/05 Associate, Joint Replacement Institute at Orthopaedic Hospital, Los Angeles, CA
Assistant Clinical Professor, UCLA-Santa-Monica, CA

1999/00 Clinical Fellow - Pelvis and Hip Reconstruction, Good Samaritan Hospital, Los Angeles, CA

1998/99 Clinical Fellow - Arthroplasty, Joint Replacement Institute at Orthopaedic Hospital, Los Angeles, CA

1994/98 Resident, Division of Orthopaedic Surgery, University of Ottawa

1988/92 Canadian Armed Forces, Reserve Officer, Rank Captain Navy; National Lead for Music Program for Cadets; National Defence Headquarters

LEADERSHIP COURSE:

2015-16 **Senior Management Leadership Course**, Telfer School of Management, University of Ottawa

PROFESSIONAL COMMITTEES:

2017- **Steering Committee PROMs Pilot**, Ministry of Health, Ontario.

2015- **Standards Committee**, Canadian Orthopaedic Association.

2015 **University Selection Committee for Chair of Department of Surgery**, University of Ottawa

2013- **Clinical Teaching and Promotion Committee, Faculty of Medicine**, University Of Ottawa

2013- **Editorial Board**, British Editorial Society of Bone & Joint Surgery, London, UK

- 2010 **Expert Panel for Hip and Knee Arthroplasty**, Ministry of Health, Ontario
- 2009- **Surgical Executive Committee** Department of Surgery, University of Ottawa
- 2009/14 **Office of Continued Professional Development, Steering Committee**
Faculty of Medicine, University of Ottawa
- 2009- **Member, Regional Orthopaedic Network**; Champlain LHIN
- 2006/09 **Member, Pain Management Council**; The Ottawa Hospital
- 2005- **Head, Adult Reconstruction Research Group**; The Ottawa Hospital
- 2004/05 **Member, Institutional Review Board Committee**; Orthopaedic Hospital, Los Angeles, CA

CONTINUING MEDICAL EDUCATION ADMINISTRATION

- 2018 **President**, Canadian Orthopaedic Research Society
- 2018 **Committee Chair, Hip**, Orthopaedic Research Society, Rosemont, Illinois
- 2016-2018 **Executive Committee**, Canadian Orthopaedic Research Society
- 2015- **Executive Committee, Chair of Education**, International Society for Hip Arthroscopy
- 2015-17 **Central Program Committee**, Orthopaedic Research Society, Rosemont, Illinois.
- 2012 **Program Chair**, Annual Meeting Canadian Orthopaedic Association.
- 2011 **CME Organizing Committee Member**; Combined Symposium of the Orthopaedic Research Society and American Academy of Orthopaedic Surgeons
- 2010-13 **Scientific Program Organizing Committee**, Annual Meeting Canadian Orthopedic Association
- 2009-11 **Committee Chair, Infection and Inflammation**, Orthopaedic Research Society, Rosemont, ILL, USA
- 2009 - 14 **Member, Continuing Medical Education Steering Committee**;
University of Ottawa
- 2008 **CME Organizing Committee Member**; Combined Symposium of the

- Orthopaedic Research Society and American Academy of Orthopaedic Surgeons
- 2008 – **Coordinator, Adult Reconstruction Visiting Professorship;** Division of Orthopaedic Surgery, University of Ottawa
- 2007 **Member, CaRMS Interview Committee;** Division of Orthopaedic Surgery
- 2001 – **Program Coordinator and Chair,** Joint Preserving and Minimally Invasive Surgery of the Hip (CME accredited annual course)

ACADEMIC HONOURS:

- 2018 **Frank Stinchfield Hip Society Award:** *“Spino-pelvic Hypermobility is Associated with Inferior Outcome Post-THA: Examining the Effect of Spinal Arthrodesis.”* Grammatopoulos G, Gofton W, Jibri Z, Coyle M, Dobransky J, Kreviazuk C, Kim PR, **Beulé PE.**
- 2018 **American Academy of Orthopaedic Association/Orthopaedic Research Society Kappa Delta Award:** *“Unravelling the Hip Pistol Grip / CAM Deformity: Origins to Joint Degeneration.”* **Beulé PE,** Grammatopoulos G, Speirs A, Ng G, Carsen S, Frei H, Melkus G, Rakhra K, Lamontagne M.
- 2018 **Canadian Orthopaedic Foundation Carroll A. Laurin Award:** *“Efficacy of a non-surgical treatment protocol for patients with symptomatic femoro-acetabular impingement: a randomized controlled trial.”* **Poitrais S, Beulé PE,** Lamontagne M, Wilkin G, Carsen S.
- 2017 **Orthopaedic Research Society William H. Harris, MD Award:** *“Differential Proteomic Analysis of Synovial Fluid from Hip Arthroplasty Patients with a Pseudotumor vs. Periprosthetic Osteolysis”.* **Catelas I,** Lehoux EA., Ning Z., Figeys D, Baskey SJ., **Beulé PE.**
- 2016 **Canadian Orthopaedic Foundation Carroll A. Laurin Award:** *“Determining the role of physical activity in the development of hip impingement morphology in adolescents during the final stages of skeletal maturation.”* **Carsen S,** Lamontagne M, Ward L, Rakhra K and **Beulé PE.**
- 2014 **Canadian Orthopaedic Foundation J. Edouard Samson Award:** *“Understanding the Etiology and Causes of Osteoarthritis of the Hip: A multi-disciplinary Approach”* **Beulé PE.**
- 2013 **Orthopaedic Research Society William H. Harris Award:** *“How do Reconstruction Parameters and Surgical Approaches in Total Hip Arthroplasty Affect Hip Biomechanics during Gait”.* Varin D, Lamontagne M, **Beulé PE.**
- 2012 **The Otto Aufranc Hip Society Award:** *“On the Etiology of the Cam Deformity: A*

Cross-Sectional Paediatric MRI Study". Carsen S, Moroz P, Rakhra KS, Ward LM, Dunlap H, Hay JA, Willis B, **Beaulé PE**.

- 2010 **COA Top Poster Award:** Poster Presentation. Canadian Orthopaedic Association Annual Meeting; Edmonton, AB. "*Multi-centre study for incidence of DVT and pulmonary embolism after peri-acetabular osteotomy.*" **Beaulé PE**, Sierra R, Trousdale R, Clohisy J, Schoenecker P, Kim Y-J, Millis M, Podeszwa D, Sucato D.
- 2010 **COA Top Poster Award:** Poster Presentation. Canadian Orthopaedic Association Annual Meeting; Edmonton, AB. "*Biomechanical adaptations in total hip arthroplasty patients during sitting and standing tasks.*" **Beaulé PE**, Lamontagne M, Beaulieu M.
- 2008 **The Otto Aufranc Award, The Hip Society.** "*Cement penetration in hip resurfacing: femoral component design and cementation technique.*" **Beaulé PE**, Matar WY, Poitras P, Smit K, May O.
- 2006 **John Charnley Award, The Hip Society.** "*A Retrieval Analysis of Failed Metal on Metal Hip Arthroplasties.*" Campbell P, **Beaulé PE**, Ebramzadeh E, Lu Z, LeDuff M, DeSmet K, Amstutz HC.
- 2006 **Best Scientific Exhibit.** American Academy of Orthopaedic Surgeons Annual Meeting; Chicago, IL. "*Vascularity of the Arthritic Femoral Head and its implications in Hip Resurfacing.*" **Beaulé PE**, Campbell P, Lu Z, Beck M, Leunig M, Thomas B, Ganz R.

REVIEWER FOR ACADEMIC JOURNALS:

2014-16	New England Journal of Medicine
2014-present	Journal of Hip Preservation Surgery
2013-present	Osteoarthritis and Cartilage
2013-present	American Academy of Orthopaedic Surgeons
2013-present	American Association of Hip and Knee Surgeons
2010-present	Annual Meeting of the Canadian Orthopaedic Association
2008-present	Acta Orthopaedica Scandinavica
2008-present	Hip International
2006-present	Journal of Arthroplasty
2006-present	Journal of Orthopaedic Research
2006-present	Journal of Bone and Joint Surgery-American
2006-present	Journal of Bone and Joint Surgery-British
2005-present	Journal of Biomaterials Research

SOCIETY AFFILIATIONS:

- Canadian Orthopaedic Association
- American Academy of Orthopaedic Surgeons
- American Association of Hip and Knee Surgeons

- Orthopaedic Research Society
- Société Française de Chirurgie Orthopédique & Traumatologie
- Institut Marcel Kerboull
- North American Hip Society
- International Society for Hip Arthroscopy
- International Hip Society
- Chilean Orthopaedic Society

RESEARCH FUNDING HISTORY:

2019/1 - Present	Randomized Control Trial Comparing Short-term outcomes after Direct Anterior and SuperPATH Approaches Co-Investigator Funding Sources: MicroPort Total Funding: 252,625 (Canadian Dollar)
2019/1 - Present	Do TKA implant designs affect muscle mass change and muscle activity during activities of daily living as well as the patient immunological response? Co-Investigator Funding Sources: Smith & Nephew Total Funding: 556,828.60 (Canadian Dollar)
2019 / 4 - 2024 / 4	Cam type femoroacetabular impingement (FAI) is a cause of hip pain in the young adult and a precursor to osteoarthritis (OA) Principal Investigator Funding Sources: Canadian Institutes of Health Research Project Grant Total Funding: 711,450 (Canadian Dollar)
2019/3 - 2022 / 3	Prospective randomized controlled study: Adept and conserve plus hip resurfacing devices Co-Investigator Funding Sources: MatOrtho Total Funding: 52,237.13 (Canadian Dollar)
2018 / 3 - present	Impact of Dislocation Precautions on Fear and Function in Patients Undergoing Hip Replacement. Co-Investigator (Wade Gofton - PI) Funding Sources: TOHAMO Innovation Fund Total Funding: 97,538 (Canadian Dollar)
2018 / 3 - present	Efficacy of a Non-Surgical Treatment Protocol for Patients with Symptomatic Femoro-acetabular Impingement: A Randomized Controlled Trial Co-PI (Stéphane Poitras - Co-PI) Funding Sources: Canadian Orthopaedic Foundation (CORL)

	Total Funding: 20,000 (Canadian Dollar)
2018 / 1 – present	Center of Excellence in Hip Preserving Surgery and Continuous Quality Improvement. Principal Investigator Funding Sources: Zimmer Biomet Total Funding: 402,651.68 (Canadian Dollar)
2016/3 – 2018/3	Validation of T1p Magnetic Resonance Imaging (MRI) for Diagnosis of Early Cartilage Degeneration in Hips with Acetabular Dysplasia Co-Investigator (Kawan Rakhra-PI) Funding Sources: TOHAMO Innovation Fund Total Funding: 92,888 (Canadian Dollar)
2016/3 – 2019/3	Investigating the Feasibility of Using Bacteriophages as a Potential Therapeutic Agent for Patients with Peri-Prosthetic Joint Infections Co-Investigator (Hesham Abdelbary- PI) Funding Sources: TOHAMO Innovation Fund Total Funding: 93,349.00 (Canadian Dollar)
2015/1 - 2020/12	Post Market Clinical Follow-up Study Protocol for CONSERVE® Press-Fit Femoral Principal Investigator Funding Sources: MicroPort Orthopedics Inc. Contract Total Funding: 250,000 (Canadian Dollar)
2014/1 - 2020/10	Post Market Clinical Follow-Up Study Protocol for PROFEMUR TL Modular Femoral Stems Principal Investigator Funding Sources: MicroPort Orthopedics Inc. Contract Total Funding: 255,000 (Canadian dollar)
2014/8 - 2020/7	Post Market Clinical Follow-Up Study Protocol for DYNASTRY Biofoam Acetabular Components Principal Investigator Funding Sources: MicroPort Orthopedics Inc. Contract Total Funding: 253,000 (Canadian Dollar)
2014/1 – Present	Analysis of Clinical Outcome and Implant Migration of the CementlessTri-Fit Total Hip Replacement System Principal Investigator Funding Sources: CORIN Total Funding: 81,575.00 (Canadian Dollar)
2014/4 - 2018/3	Identification and Modulation of Molecular Mechanisms Involved in the Biological Response to Wear and Corrosion of Hip Implants Funding Sources: Canadian Institutes of Health Research (CIHR) Collaborator (Isabelle Catelas PhD - PI)

Total Funding: 525,000 (Canadian Dollar)

2015/4 - 2017/4 Efficacy of Preoperative Muscle Training on Postoperative Recovery and Function in Patients Undergoing Total Hip or Knee Replacement
Principal Applicant
Funding Sources: TOHAMO Innovation Fund
Total Funding: 98,000 (Canadian Dollar)

2011/1 - 2019/8 A Randomized Clinical Trial of a Modular Cementless Acetabular Metal on Poly Component versus a Monoblock Cementless Titanium Shell with Ceramic on Ceramic Bearing and CORAIL Stem: A Bone Mineral Density Study
Principal Investigator
Funding Sources: Johnson & Johnson Medical Products Contract
Total Funding: 311,064 (Canadian Dollar)

Completed [n=5]

2009/10 - 2014/9 Femoroacetabular Impingement: Correlating Hip Morphology to Changes in Cartilage and Subchondral Bone
Principal Investigator
Funding Sources: Canadian Institutes of Health Research (CIHR)
Total Funding: 581,782 (Canadian Dollar)

2011/10 - 2013/9 Detection and Simulation of Femoroacetabular Impingement
Co- Investigator (Dr. Woosok Lee PI)
Funding Sources: Natural Sciences and Engineering Research Council of Canada (NSERC)
Total Funding: 507,300 (Canadian Dollar)

2011/1 - 2013/7 Mobility Assessment of a Dual Mobility Hip Arthroplasty for Osteoarthritic Hip
Co-investigator (Mario Lamontagne PhD, PI)
Funding Sources: Medacta International SA Contract
Total Funding: 96,687 (Canadian Dollar)

2009/1 - 2011/1 Pregabalin in the Prevention of Postoperative Delirium and Pain
Co-investigator
Funding Sources: Physicians Services Incorporated Foundation
Total Funding: 159,000 (Canadian Dollar)
Principal Investigator: Alan Chaput

2009/9 - 2010/9 Do MRI Findings Correlate with Hip Pain and Radiographic Findings: Development of a Better Diagnostic Tool for Surgical Intervention
Operating Grant
Funding Sources: University of Ottawa Internal: Department of Surgery
Total Funding: 25,000 (Canadian Dollar)
Principal Investigator

STUDENT/POSTDOCTORAL SUPERVISION

PhD Thesis [n=4]

2016- Co-Supervisor	Suzan Bsat PhD Degree Start Date: 2016/ Student Degree Received Date: -- Thesis/Project Title: Effect of Corrective Hip Surgery on Acetabular Labral Seal Project Description: Acetabular Labral Seal. Present Position: PhD (Candidate), Carleton University Faculty of Mechanical and Aerospace Engineering
2017 Co-Supervisor	Geoffrey K Ng PhD Degree Start Date: 2012/ Student Degree Received Date: 2017/03 Thesis/Project Title: The Effects of Cam Femoroacetabular Impingement on Mechanical Hip Joint Loading Project Description: Femoroacetabular Impingement as a Cause of Osteoarthritis. Present Position: PhD, Faculty of Health Sciences, School of Human Kinetics, University of Ottawa.
2016 Co-Supervisor	Giulia Montavini PhD Degree Start Date: 2012/ Student Degree Received Date: 2017/03 Thesis/Project Title: Hip contact load and muscle force in Femoroacetabular Impingement population Project Description: Femoroacetabular Impingement as a Cause of Osteoarthritis. Present Position: PhD, Faculty of Health Sciences, School of Human Kinetics, University of Ottawa.
2013 Co-Supervisor	Andrew Speirs PhD Degree Start Date: 2009/ Student Degree Received Date: 2013/03 Thesis/Project Title: A mechanical investigation of Osteoarthritic Degeneration of the hip associated with impingement. Project Description: Femoroacetabular Impingement as a Cause of Osteoarthritis. Present Position: PhD, Carleton University Faculty of Mechanical and Aerospace Engineering

Master's Thesis [n=4]

2016 Co-Supervisor	Robert Little, (Completed), University of Ottawa Student Degree Start Date: 2014 Student Degree Received Date: 2016 Thesis/Project Title: Biomechanical Analysis Following Total Hip Arthroplasty: A Comparison of Single- and Dual-Mobility Prostheses during Squatting and Incline Walking Tasks
-----------------------	--

Present Position: Master's

2011
Co-Supervisor
Nicholas Brisson, (Completed), University of Ottawa Student
Degree Start Date: 2009/8 Student Degree Received Date: 2011/7
Thesis/Project Title: a comparison of preoperative and postoperative
lower-extremity joint biomechanics of patients with cam
femoroacetabular impingement
Present Position: Master's

2008/9
Co-Supervisor
Daniel Varin, (Completed), University of Ottawa Student
Degree Start Date: 2009/8 Student Degree Received Date: 2010/7
Thesis/Project Title: Mobility Assessment of Patients with Total Hip
Arthroplasty: Joint Mechanics and Rehabilitation
Present Position: Master's

2007/7 - 2008/9
Co-Supervisor
Matthew Kennedy, (Completed), University of Ottawa Student
Degree Start Date: 2006/9 Student Degree Received Date: 2008/8
Thesis/Project Title: Motion Analysis in Patients suffering from
Femoroacetabular Impingement
Present Position: Master's Student

Post Graduate Fellows [n=28]

2018/6 - 2018/7
Ammar Qutub (Saudi Arabia), The University of Ottawa Student
Degree Start Date: 2017/6 Student Degree Received Date: 2018/7
Present Position: Clinical Fellow

2018/03 - 2018/6
Placido Bartolone (Italy), The University of Ottawa Student
Degree Start Date: 2018/3 Student Degree Received Date: 2018/6
Thesis/Project Title: Does Cementless Femoral Fixation Provide a
Comparable Clinical Outcome to Cemented Fixation at Short Term?
Present Position: Clinical Fellow

2017/9 - 2018/2
Mazen Ibrahim (Egypt), The University of Ottawa Student
Degree Start Date: 2017/9 Student Degree Received Date: 2018/2
Project Title: Does Acetabular Coverage Influence the Clinical outcome of
Arthroscopically Treated Cam Femoroacetabular Impingement?
Present Position: Clinical Fellow

2017/3 - 2017/9
George Grammatopoulos (UK), The University of Ottawa Student
Degree Start Date: 2017/3 Student Degree Expected Date: 2017/9
Project Title: Spino-pelvic Hypermobility is Associated with Inferior
Outcome Post-THA: Examining the Effect of Spinal Arthrodesis.
Present Position: Orthopaedic Surgeon

2016/11 - 2017/3
Enrique Sandoval (Spain), The University of Ottawa Student
Degree Start Date: 2016/11 Student Degree Received Date: 2017/3
Present Position: Clinical Fellow

- 2016/7 - 2017/7 Chris Dowding (Canada), The University of Ottawa Student
Degree Start Date: 2016/7 Student Degree Expected Date: 2017/7
Project Title: Metal on Metal Hip Resurfacing in Patients 45 Years of Age and Less at Minimum Five-Year Follow-up
Present Position: Clinical Fellow
- 2015/7 - 2016/7 José Smolders (Netherlands), The University of Ottawa Student
Principal Supervisor Degree Start Date: 2015/7 Student Degree Received Date: 2016/7
Thesis/Project Title: Role of patient activity level in the degenerative process associated with CAM femoral acetabular impingement
Present Position: Clinical Fellow
- 2015/7 - 2016/7 Emanuele Serra (Switzerland), The University of Ottawa Student
Degree Start Date: 2015/7 Student Degree Received Date: 2016/7
Present Position: Clinical Fellow
- 2015/7 - 2016/7 Hussain Alyoussif, The University of Ottawa Student
Degree Start Date: 2015/7 Student Degree Received Date: 2016/7
Thesis/Project Title: Out Patient Total Hip Replacement in Academic Tertiary Center
Present Position: Clinical Fellow
- 2014/7 - 2015/7 Alexandre Pagé (Canada), The University of Ottawa Student
Principal Supervisor Degree Start Date: 2014/7 Student Degree Received Date: 2015/7
Thesis/Project Title: Is the anterior approach associated with higher risk of femoral component migration
Present Position: Clinical Fellow
- 2014/7 - 2015/7 Amardeep Singh (Canada), The University of Ottawa Student
Principal Supervisor Degree Start Date: 2014/7 Student Degree Received Date: 2015/7
Thesis/Project Title: Single Center experience with Surgical Dislocation of the hip for pre- arthritic hip disease
Present Position: Clinical Fellow
- 2013/7 - 2014/7 Luca Gala (Italy), The University of Ottawa Student
Principal Supervisor Degree Start Date: 2013/7 Student Degree Received Date: 2014/7
Thesis/Project Title: The Cam deformity does it change over time? Natural History of the neuropraxia of the Lateral femoral cutaneous nerve.
Present Position: Orthopedic Surgeon
- 2012/7 Paul Whittingham-Jones (UK), The University of Ottawa Student
Principal Supervisor Degree Start Date: 2012/7 Student Degree Received Date: 2013/7
Thesis/Project Title: Migration Pattern of a Cobalt-Chrome Monoblock Acetabular Component after Metal-on-Metal Hip Resurfacing
Present Position: Clinical Fellow

- 2012/7
Principal Supervisor Vickas Khanna (Canada), The University of Ottawa Student
Degree Start Date: 2012/7 Student Degree Received Date: 2013/7
Thesis/Project Title: Incidence of Hip Pain in a Prospective Cohort of Asymptomatic Volunteers: Is the cam deformity a risk factor for hip pain?
Present Position: Surgeon
- 2011/7
Principal Supervisor Vikram Chatrath (India), The University of Ottawa Student
Degree Start Date: 2011/8 Student Degree Received Date: 2012/7
Thesis/Project Title: Assessing Acetabular Version in Total Hip Arthroplasty: The False Profile View
Present Position: Orthopedic Fellow
- 2011/7
Principal Supervisor Emmanuel Illical (Canada), The Ottawa Hospital Student
Degree Start Date: 2011/7 Student Degree Received Date: 2012/7
- 2011/1
Principal Supervisor Alejandro Zylberberg, (Chile), The University of Ottawa Student
Degree Start Date: 2010/8 Student Degree Received Date: 2011/7
Thesis/Project Title: Clinical Results of a Hybrid Metal-on-Metal Hip Resurfacing Prosthesis: An Independent Series
Present Position: Orthopedic Surgeon
- 2010/7
Principal Supervisor Joshua Lee, (UK), The University of Ottawa Student
Student Degree Start Date: 2010/8 Student Degree Received Date: 2011/7
Thesis/Project Title: Migration Analysis of a Monoblock Acetabular Component for Hip Resurfacing Arthroplasty. The Fate of the Unseated Component
Present Position: Orthopedic Surgeon
- 2009/12
Principal Supervisor Toru Nishiwaki (Japan), The University of Ottawa Student
Degree Start Date: 2009/9 Student Degree Received Date: 2010/12
Thesis/Project Title: Revision of Resurfacing Arthroplasty: As Good as a Primary Total Hip Arthroplasty?
Present Position: Orthopedic Surgeon
- 2009/7
Principal Supervisor Gerard March (Canada), The University of Ottawa Student
Degree Start Date: 2009/8 Student Degree Received Date: 2010/7
Thesis/Project Title: Clinical Experience with Tranexamic Acid during Primary Total Hip Arthroplasty
Present Position: Orthopedic Fellow
- 2009/7
Principal Supervisor Amre Hamdi, (Saudi Arabia), The University of Ottawa Student
Degree Start Date: 2009/8 Student Degree Received Date: 2010/7
Thesis/Project Title: Differential Hardness Large Femoral Head Metal on Metal Compared to Hip Resurfacing: A Metal Ion Level Study
Present Position: Fellow
- 2009/7
Principal Supervisor Craig White (UK), The University of Ottawa Student
Degree Start Date: 2009/8 Student Degree Received Date: 2010/7

Thesis/Project Title: The Migration Pattern of a Cementless, Tapered,
Plasma Sprayed Femoral Stem Using EBRA-FCA
Present Position: Fellow

- 2008/7
Principal Supervisor Cefin Barton (UK), The University of Ottawa Student
Degree Start Date: 2008/8 Student Degree Received Date: 2009/7
Thesis/Project Title: Validity of the Alpha Angle Measurement on Plain
Radiographs in the Evaluation of CAM Type FAI
Present Position: Fellow
- 2007/7
Principal Supervisor Benoit Benoit (Canada), The University of Ottawa Student
Degree Start Date: 2007/8 Degree Received Date: 2008/7
Thesis/Project Title: Learning Curve with Anterior Approach Hip
Resurfacing Project Description: Learning Curve with Anterior Approach
Hip Resurfacing
Present Position: Fellow
- 2007/7
Principal Supervisor Paul Shim, (Canada), The University of Ottawa Student
Degree Start Date: 2007/8 Student Degree Received Date: 2008/7
Thesis/Project Title: Experience with Surgical Dislocation Approach for
Hip Resurfacing
Present Position: Fellow
- 2007/7
Principal Supervisor David Allen (UK), The University of Ottawa Student
Degree Start Date: 2007/8 Student Degree Received Date: 2008/7
Thesis/Project Title: Prevalence of Bilateral Deformity in patients with
CAM type Femoroacetabular Impingement
Present Position: Fellow
- 2006/7
Principal Supervisor Ahmad Bin Nasser (Saudi Arabia), The University of Ottawa Student
Degree Start Date: 2006/8 Student Degree Received Date: 2007/7
Thesis/Project Title: Prevalence of Groin after Metal on Metal Hip
Resurfacing Present Position: Sports Fellow
Present Position: Sports Fellow
- 2006/7
Principal Supervisor Michelle O'Neill (Canada), The University of Ottawa Student
Degree Start Date: 2006/8 Student Degree Received Date: 2007/7
Project Description: Embryology of the Acetabular Labral Chondral
Complex
Present Position: Orthopedic Surgeon
- 2016/7
Principal Supervisor Olivier May (France), The University of Ottawa Student
Degree Start Date: 2006/8 Student Degree Received Date: 2006/12
Present Position: Orthopaedic Surgeon

BOOKS/MONOGRAPHS EDITED

1. **Beaulé PE.** Hip Dysplasia: Understanding and treating instability of the Native Hip.

- Springer-Verlag (in preparation).
2. **Beaulé PE.** Section Editor, Surgery of Hip, Second Edition, Berry & Lieberman, Elsevier (in press).
 3. Clohisy JC, **Beaulé PE**, DellaValle C. Hip Preservation Surgery. The Adult Hip, 3rd Volume, 2014 Wolkers-Kluwer.
 4. **Beaulé PE.** Proceedings of the Eight Symposium on Joint Preserving and Minimally Invasive Surgery of the Hip, Journal of Joint and Bone Surgery-American Volume, May 2011.
 5. **Beaulé PE.** The Anterior Approach for Hip Reconstruction. Orthopaedic Clinics of North America, Vol 40(4), July 2010.
 6. **Beaulé PE.** Femoroacetabular Impingement: Current Status of Diagnosis and Treatment. Clinical Orthopedics and Related Research, No 418, March 2009.
 7. **Beaulé PE.** The Young Adult Hip Patient, MonoGraph Series #38, American Academy of Orthopedic Surgeons, 2007.
 8. **Beaulé PE.** Revisiting Surface Arthroplasty of the Hip. Orthopaedic Clinics of North America, 2005:36.
 9. **Beaulé PE.** Metal on Metal Hip Prosthesis. Journal of Arthroplasty, 2004;8; Suppl 3. *Co-Guest Editor*
 10. **Beaulé PE.** Novel Techniques in Hip Surgery. Operative Techniques in Orthopaedics, April 2004. *Co-Guest Editor*
 11. **Beaulé PE.** Hip Pain in the Young Adult: Diagnosis and Treatment Options. Clinical Orthopaedics and Related Research, 2004;418. *Editor*

REFEREED CHAPTERS IN BOOKS:

1. Dowding C, **Beaulé, PE.** Bernese Peri-Acetabular Osteotomy (2018). Chapter In Reggie Hamdy and Neil Saran, Pediatric Pelvic and Proximal Femoral Osteotomies, Springer-Nature.
2. **Beaulé, PE**, Byrd T, Wilkin G, Coobs BR, Kelly B, Carsen S, Al-Yousif H, , Clohisy, J (2016). Non-arthroplasty Treatment of Hip Disorders/ Joint Preserving Surgery. Chapter in Orthopedic Knowledge Update Hip and Knee Reconstruction. First Listed Author
3. Illical E, **Beaulé PE:** Hip Arthroscopy: The Peripheral Compartment, in F. Haddad, The Young Adult Hip In Sport. (Springer-Verlag, 2014) pp 169-176.
4. **Beaulé PE:** Surgical Technique in hip resurfacing: the anterior approach, in K. DeSmet, P. Campbell, C. Van Der Straeten, The hip resurfacing handbook. (Woodhead Publishing 2013) pp.334-338.
5. **Beaulé PE**, Leunig M: Acetabular Rim Damage, in D. Berry, J. Lieberman, Surgery of the Hip. (Elsevier, 2012) pp. 468-475.
6. Hamdi A, **Beaulé PE:** Minimally Invasive Techniques in Total Hip Arthroplasty, in Bhandari, M, Evidence-Based Orthopedics. (Wiley-Blackwell, 2012) pp. 164-170.
7. Benoit B, **Beaulé PE:** Anterior Hueter Approach for hip Resurfacing in Arthritic Patient, in J. Sekiya, M. Safran, A.S. Ranawat and M. Leunig (eds), Techniques in Hip Arthroscopy and Joint Preservation. (Elsevier, 2011) pp. 274-279.
8. **Beaulé PE** and Lamontagne M. Biomechanics and Wear in Joint Arthroplasty, in J. Lieberman (ed), American Academy of Orthopedic Surgeons Comprehensive Orthopaedic Review. (AMERICAN ACADEMY OF ORTHOPEDIC SURGEONS, 2010) pp. 1017-1024.
9. **Beaulé PE**, Catelas I, Medley JB. Current controversies, Bearing surface: metal-on-metal, in W. Hozack, J. Parvizi, B. Bender (eds), Surgical Treatment of Hip Arthritis - Reconstruction,

- Replacement, Revision Surgery. (Elsevier, 2009) pp. 468-477.
10. O'Neill M and **Beulé PE**. Metal on Metal Hip Resurfacing Arthroplasty, in Hozack, Parvizi and Bender (eds), Surgical Treatment of Hip Arthritis: Reconstruction, Replacement and Revision. (Elsevier, 2009) pp. 180-187.
 11. **Beulé PE**, Catelas I and Medley JB. Bearing Surface: Metal on Metal, in Hozack, Parvizi and Bender (eds), Surgical Treatment of Hip Arthritis: Reconstruction, Replacement and Revision. (Elsevier, 2009) pp. 468-478.
 12. Shim, P, **Beulé PE**. Treatment Options for Osteonecrosis of the Hip, in Brown, Qui, Mihalko, Saleh (eds), Arthritis and Arthroplasty. (Elsevier, 2009) pp. 233-244.
 13. Matar WY, **Beule PE**. Indications and Surgical Technique for Hip Resurfacing, in Waddell JP (ed), Operative Techniques: Hip Arthritis Surgery. (Elsevier, 2008) Chapter 12.
 14. Bin Nasser A, **Beule PE**. Femoral Head Vascularity and Hip Resurfacing, in Amstutz H (ed), Hip Resurfacing: Principles, Indications, Technique and Results. (Elsevier, 2008) pp. 17-22.
 15. **PE Beulé**, E Zaragoza. Femoroacetabular Impingement: Diagnosis and Treatment Options, in American Academy of Orthopedic Surgeons Monograph: The Young Adult with Hip Pain", (American Academy of Orthopaedic Surgeons, 2007) pp. 25-31.
 16. **PE Beulé**. Femoral Head Sparing Procedures for the Treatment of Hip Osteonecrosis, in Berry D, Steinmann S, Tornetta P (eds), Adult Hip and Knee Reconstruction. (Lippincott, Williams and Wilkins, 2007) pp 67-71.

PAPERS IN REFEREED JOURNALS (137 SINCE 2010; CAREER: 231)

H-index: Google Scholar=56; Scopus=47.

1. Gala L, Kim PR, **Beulé PE**. Natural History of Lateral Femoral Cutaneous Nerve Neuropraxia After Anterior Approach Total Hip Arthroplasty. *Hip Int*. 2019 Mar;29(2):161-165. doi:10.1177/1120700019827201. PMID: 30810069.
2. Grammatopoulos G, Melkus G, Rakhra K, **Beulé PE**. Does Cartilage Degenerate in Asymptomatic Hips with Cam Morphology? *Clin Orthop Relat Res*. 2019 Feb 6. doi: 10.1097/CORR.0000000000000629. [Epub ahead of print] PubMed PMID: 30801274
3. Ng KCG, Mantovani G, Lamontagne MR, Beulé PE. Cam FAI and smaller neck angles increase subchondral bone stresses during squatting: a finite element analysis. *Clin Orthop Relat Res*. 2018 Nov 27. doi:10.1097/CORR.0000000000000528. [Epub ahead of print] PubMed PMID: 30516652.
4. Smolders JMH, Speirs AD, Beulé PE. Higher patient activity level and subchondral stiffening in asymptomatic cam femoroacetabular impingement subjects. *J Hip Preserv Surg*. 2018 Jun 22;5(3):259-266. doi: 0.1093/jhps/hny017. eCollection 2018 Aug. PubMed PMID: 30393553; PubMed Central PMCID: PMC6206696.
5. Grammatopoulos G, Gofton W, Jibri Z, Coyle M, Dobransky J, Kreviazuk C, Kim PR, Beulé PE. 2018 Frank Stinchfield Award: Spinopelvic hypermobility is associated with an inferior outcome after THA: Examining the effect of spinal arthrodesis. *Clin Orthop Relat Res*. 2019 Feb; 477(2):310-321. doi:10.1097/CORR.0000000000000367. PubMed PMID: 30295537
6. Grammatopoulos G, Gofton W, Cochran M, Dobransky J, Carli A, Abdelbary H, Gill HS, **Beulé PE**. Pelvic positioning in the supine position leads to more consistent orientation of the acetabular component after total hip arthroplasty. *Bone Joint J*. 2018 Oct;100-B(10):1280-1288. doi:10.1302/0301-620X.100B10.BJJ-2018-0134.R1.
7. Speirs AD, Rakhra KS, Weir Weiss MJ, **Beulé PE**. Bone density changes following surgical correction of femoroacetabular impingement deformities. *Osteoarthritis Cartilage*.

- 2018 Dec;26(12):1683-1690. doi:10.1016/j.joca.2018.08.015. Epub 2018 Sept 6. PubMed PMID: 30195848.
8. **Beaulé PE**, Grammatopoulos G, Speirs A, Ng G, Carsen S, Frei H, Melkus G, Rakhra K, Lamontagne M. Unravelling the Hip Pistol Grip / CAM Deformity: Origins to Joint Degeneration. *J Orthop Res*. 2018 Dec;36(12):3125-3135. doi: 10.1002/jor.24137. Epub 2018 Sept 21. PubMed PMID: 30175856.
 9. Ng KCG, Mantovani G, Modenese L, **Beaulé PE**, Lamontagne M. Altered Walking and Muscle Patterns Reduce Hip Contact Forces in Individuals With Symptomatic Cam Femoroacetabular Impingement. *Am J Sports Med*. 2018 Sep;46(11):2615-2623. doi:10.1177/0363546518787518. Epub 2018 Aug 3. PubMed PMID: 30074815.
 10. McIsaac DI, Taljaard M, Bryson GL, **Beaulé PE**, Gagné S, Hamilton G, Hladkowitz E, Huang A, Joannisse JA, Lavallée LT, MacDonald D, Moloo H, Thavorn K, van Walraven C, Yang H, Forster AJ. Frailty as a Predictor of Death or New Disability After Surgery: A Prospective Cohort Study. *Ann Surg*. 2018 Jul 24. doi:10.1097/SLA.0000000000002967. [Epub ahead of print] PubMed PMID: 30048320.
 11. Catelli DS, Kowalski E, **Beaulé PE**, Smit K, Lamontagne M. Asymptomatic Participants With a Femoroacetabular Deformity Demonstrate Stronger Hip Extensors and Greater Pelvis Mobility During the Deep Squat Task. *Orthop J Sports Med*. 2018 Jul 17;6(7):2325967118782484. doi: 10.1177/2325967118782484. eCollection 2018 Jul. PubMed PMID: 30038915
 12. Carli AV, Poitras S, Clohisy JC, **Beaulé PE**. Variation in Use of Postoperative Precautions and Equipment Following Total Hip Arthroplasty: A Survey of the AAHKS and CAS Membership. *J Arthroplasty*. 2018 Jun 6. pii: S0883-5403(18)30527-8. doi: 10.1016/j.arth.2018.05.043. [Epub ahead of print] PubMed PMID: 29958753.
 13. Richards M, Al-Youssef H, Kim JK, Poitras S, Penning J, **Beaulé PE**. An Evaluation of the Safety and Effectiveness of Total Hip Arthroplasty as an Outpatient Procedure: A Matched-Cohort Analysis. *J Arthroplasty*, 2018 May 31. doi: 10.1016/j.arth.2018.05.036. [Epub ahead of print].
 14. Dowding C, Dobransky JS, Kim PR, **Beaulé PE**. Metal on Metal Hip Resurfacing in Patients 45 Years of Age and Younger at Minimum 5-Year Follow-Up. *J Arthroplasty*. 2018 Jun 1. doi: 10.1016/j.arth.2018.05.041. [Epub ahead of print].
 15. Grammatopoulos G, **Beaulé PE**, Pascual-Garrido C, Nepple JJ, ANCHOR Group, Clohisy JC. Does Severity of Dysplasia Influence Clinical Outcomes After Periacetabular Osteotomy? A Case-Control Study. *J Arthroplasty*. 2018 Jul;33(7S):S66-S70. doi: 10.1016/j.arth.2018.03.028. Epub 2018 Mar 17.
 16. Ibrahim M, Poitras S, Bunting AC, **Beaulé PE**. Does Acetabular Coverage Influence the Clinical Outcome of Arthroscopically Treated Cam Femoroacetabular Impingement? *BJJ*. 2018 July 7; 100-B(7):831-8. doi: 10.1302/0301-620X.100B7.
 17. Jamieson P, Carsen S, Dobransky J, Rakhra K, Highmore K, Ward LM, Grammatopoulos G, **Beaulé PE**. Development of the Hip Joint Through Adolescence: An Assessment of Cam and Acetabular Morphology. In Preparation for *BJSM*, 2018.
 18. Ng KCG, Lamontagne M, Jeffers JRT, Grammatopoulos G, **Beaulé PE**. Anatomic predictors of sagittal hip and pelvic motions in patients with a cam deformity. *Am J Sports Med*. 2018 Mar; 46(6):1331-1342. doi: 10.1177/0363546518755150.
 19. Poitras S, Au K, Wood K, Dervin G, **Beaulé PE**. Predicting hospital length of stay and short-term function after hip or knee arthroplasty: are both performance and comorbidity measures useful? *Int Orthop*, 2018 Feb 17. doi: 10.1007/s00264-018-3833-y. [Epub ahead of print].

20. Le Bouthillier A, Rakhra KS, Belzile EL, Foster RCB, **Beaulé PE**. Soft tissue structures differ in patients with prearthritic hip disease. *J Orthop Trauma*, 2018 Feb;32 Suppl 1:S30-S34. doi: 10.1097/BOT.0000000000001093.
21. Armstrong MD, Carli AV, Abdelbary H, Poitras S, Lapner P, **Beaulé PE**. Tertiary care centre adherence to unified guidelines for management of periprosthetic joint infections: a gap analysis. *Can J Surg*, 2018 Feb;61(1):34-41.
22. Grammatopoulos G, Speirs AD, Ng KCG, Riviere C, Rakhra KS, Lamontagne M, **Beaulé PE**. The Acetabular and Spino-Pelvic Morphologies are Different in Subjects with Symptomatic Cam Femoro-Acetabular Impingement. *J Orthop Res*. 2018 Jan 11. doi: 10.1002/jor.23856. [Epub ahead of print]
23. **Beaulé PE**, Nagpal S, Balaa F, Sundaresan S. Urgent care access: finding solutions that match causation. *CMAJ*. 2018 Jan 15;190(2):E56. doi: 10.1503/cmaj.733536.
24. Jacobs CA, Peabody MR, Duncan ST, Muchow RD, Nunley RM; ANCHOR Group, Clohisy JC, **Beaulé PE**, Kim YJ, Millis MB, Podeszwa DA, Schoenecker PL, Sierra RJ, Sink EL, Sucato DJ, Trousdale RT, Zaltz I. Development of the HOOS(global) to Assess Patient-Reported Outcomes in Patients Undergoing Hip Preservation Procedures. *Am J Sports Med*. 2018 Mar; 46(4):940-946. doi: 10.1177/0363546517749585. Epub 2018 Jan 18
25. Catelas I, Lehoux EA, Ning Z, Figeys D, Baskey SJ, **Beaulé PE**. Differential Proteomic Analysis of Synovial Fluid from Hip Arthroplasty Patients with a Pseudotumor vs. Periprosthetic Osteolysis. *J Orthop Res*. 2018 Jan 20. doi: 10.1002/jor.23858. [Epub ahead of print]
26. **Beaulé PE**, Speirs AD, Anwander H, Melkus G, Rakhra K, Frei, H, Lamontagne M. Surgical correction of cam deformity in association with femoroacetabular impingement and its impact on the degenerative process within the hip joint. *J Bone Joint Surg Am*, 2017 Aug; 99(16):1373-1381.
27. Chen BP, Dobransky J, Poitras S, Forster A, **Beaulé PE**. Impact of definition and timeframe on capturing surgery-related readmissions after primary joint arthroplasty. *J Arthroplasty*, 2017 Jul 5. pii: S0883-5403 (17)30568-5. [Epub]
28. Bayley G, Poitras S, Parker G, **Beaulé PE**. Hip arthroscopy in patients less than 25 years of age in the treatment of labral tears: aetiology and clinical outcomes. *Hip International*, 2017 Sep; 27(5):436-442.
29. Catelli DS, Kowalski E, **Beaulé PE**, & Lamontagne M. Does the dual-mobility hip prosthesis produce better joint kinematics during extreme hip flexion task? *J Arthroplasty*, 2017 May, pii: S0883-5403(17)30390-X.
30. Stewart AD, Abdelbary H, & **Beaulé PE**. Trochanteric fixation with a third-generation cable-plate system: An independent experience. *J Arthroplasty*, 2017 Apr, pii: S0883-5403(17) 30379-0.
31. **Beaulé PE**, Bleeker H, Singh A., Dobransky J. Defining Modes of Failure after Hip Preservation Surgery of the Hip. *Bone Joint J*. 2017 Mar;99-B(3):303-309
32. Golfam, M., Di Primio, L. A., **Beaulé, P. E.**, Hack, K., & Schweitzer, M. E. Alpha angle measurements in healthy adult volunteers vary depending on the MRI plane acquisition used. *The American journal of sports medicine*, 2017. Mar;45(3):620-626
33. Clohisy, J. C., Ackerman, J., Baca, G., Baty, J., **Beaulé, P. E.**, Kim, Y. J., ... & Sink, E. L. Patient-reported outcomes of periacetabular osteotomy from the prospective ANCHOR cohort study. *J Bone Joint Surg Am*, 2017 99(1), 33-41.
34. Sankar, W. N., Duncan, S. T., Baca, G. R., **Beaulé, P. E.**, Millis, M. B., Kim, Y. J., ... & Sink, E. L. Descriptive epidemiology of acetabular dysplasia: The Academic network of

- conservational hip outcomes research (ANCHOR) periacetabular osteotomy. *Journal of the American Academy of Orthopaedic Surgeons*, 2017. 25(2), 150-159.
35. Chen, B. P., Garland, K., Roffey, D. M., Poitras, S., Dervin, G., Lapner, P., ... & **Beaulé, P. E.** Can surgeons adequately capture adverse events using the spinal adverse events severity system (SAVES) and OrthoSAVES?. *Clinical Orthopaedics and Related Research*, 2017. 475(1), 253-260.
 36. Speirs, A. D., **Beaulé, P. E.**, Huang, A., & Frei, H. Properties of the cartilage layer from the cam-type hip impingement deformity. *Journal of Biomechanics*, 2017. 55, 78-84.
 37. Wilkin, G. P., Ibrahim, M. M., Smit, K. M., & **Beaulé, P. E.** A contemporary definition of hip dysplasia and structural instability: Toward a comprehensive classification for acetabular dysplasia. *The Journal of Arthroplasty*, 2017(Epub).
 38. Gofton, W. T., Illical, E., Feibel, R. J., Kim, P. R., & **Beaulé, P. E.** (2017). A single center experience with a titanium modular neck total hip replacement. *The Journal of Arthroplasty* 2017; 32(8): 2450-2456.
 39. Rivière, C., Hardijzer, A., Lazennec, J. Y., **Beaulé, P.**, Muirhead-Allwood, S., & Cobb, J. Spine-hip relations add understandings to the pathophysiology of femoro-acetabular impingement: A systematic review. *Orthopaedics & Traumatology: Surgery & Research* 2017; 103(4):549-557.
 40. **Beaulé, PE** Editorial Comment: When is it just a labral tear and not Femoroacetabular impingement. *Arthroscopy*. 2016 Dec;32(12):2503-2504.
 41. Belzile EL, **Beaulé PE**, Ryu JJ, Clohisy JC; Academic Network of Conservation Hip Outcome Research (ANCHOR) Members. Outcomes of joint preservation surgery: comparison of patients with developmental dysplasia of the hip and femoroacetabular impingement. *J Hip Preserv Surg*. 2016 Nov 10;3(4):270-277.
 42. Rakhra, K., Bonura AA, Nairn R., Schweitzer, M., Kolanko, NM., **Beaulé, P.** Is the hip capsule thicker in diseased hips. *Bone Joint Res*. 2016 Nov;5(11):586-593.
 43. Bsat S., Frei, H., **Beaulé, PE.**, The Acetabulum labrum, a review of its function. *Bone Joint J*. 2016 Jun;98-B(6):730-5.
 44. Fabricant, P. D., Sankar, W. N., Seeley, M. A., **Beaulé, P. E.**, Clohisy, J. C., Kim, Y. J., ... & Sierra, R. J. Femoral deformity may be more predictive of hip range of motion than severity of acetabular disease in patients with acetabular dysplasia: An analysis of the ANCHOR cohort. *Journal of the American Academy of Orthopaedic Surgeons*, 2016.24(7), 465-474.
 45. Larson, C. M., Clohisy, J. C., **Beaulé, P. E.**, Kelly, B. T., Giveans, M. R., Stone, R. M., & Samuelson, K. M. Intraoperative and early postoperative complications after hip arthroscopic surgery a prospective multicenter trial utilizing a validated grading scheme. *The American journal of sports medicine*, 2016. 44(9), 2292-2298.
 46. Matheney, T., Zaltz, I., Kim, Y. J., Schoenecker, P., Millis, M., Podeszwa, D., **Beaulé PE**, ... & Clohisy, J. Activity level and severity of dysplasia predict age at Bernese periacetabular osteotomy for symptomatic hip dysplasia. *J Bone Joint Surg Am*, (2016) 98(8), 665-671.

47. Aljenaei F, Catelas I, Louati H, **Beaulé PE**, & Nganbe M. Effects of hip implant modular neck material and assembly method on fatigue life and distraction force. *Journal of Orthopaedic Research*. 2016 doi: 10.1002/jor.23481
48. Poitras S, Wood KS, Savard J, Dervin GF, & **Beaulé PE**. Assessing functional recovery shortly after knee or hip arthroplasty: a comparison of the clinimetric properties of four tools. *BMC Musculoskeletal Disorders*, 2016. 17(1): 478
49. Pahuta M., Smolders J., van Susante J., Peck J, Kim P., **Beaulé PE**. Blood metal ion levels are not a useful test for adverse reactions to metal debris. A systematic Review. *Bone Joint Research* 2016 Sep;5(9):379-86
50. McIsaac DI, Taljaard M, Bryson GL, **Beaulé PE**, Gagne S, Hamilton G, Hladkowicz E, Huang A, Joanisse J, Lavallée LT, Moloo H, Thavorn K, van Walraven C, Yang H & Forster AJ. Comparative assessment of two frailty instruments for risk-stratification in elderly surgical patients: Study protocol for a prospective cohort study. *BMC Anesthesiology*, 2016. 16(1):111.
51. Gala, L., Khanna, V., Rakhra, K. S., & **Beaulé, P. E.** Does the femoral head/neck contour in the skeletally mature change over time?. *Journal of Hip Preservation Surgery*, 2016 Aug 3;3(4):333-337.
52. Ng KC, Mantovani G, Lamontagne M, Labrosse MR, **Beaulé PE**. Increased hip stresses resulting from a cam deformity and decreased femoral neck-shaft angle during level walking. *Clinical orthopaedics and related research*, 2016. 475(4):998-1008.
53. Anwander H, Melkus G, Rakhra KS, **Beaulé PE**. T1rho MRI detects cartilage damage in asymptomatic individuals with a cam deformity. *Journal of orthopedic research: official publication of the Orthopedic Research Society*. 2016. 34(6):1004-9.
54. Anwander, H., Rakhra, K. S., Melkus, G., & **Beaulé PE**, (2016). T1ρ Hip Cartilage Mapping in Assessing Patients With Cam Morphology: How Can We Optimize the Regions of Interest?. *Clinical Orthopaedics and Related Research*®, 1-10.
55. Gala L, Clohisy JC, **Beaulé PE**. Hip dysplasia in the young adult. *The Journal of bone and joint surgery American volume*, 2016. 98(1):63-73.
56. **Beaulé, P. E.**, Roffey, D. M., & Poitras, S. Continuous quality improvement in orthopedic surgery: changes and implications with health system funding reform. *Canadian Journal of Surgery*, 2016. 59(3), 149.
57. Ng KC, Lamontagne M, Labrosse MR, **Beaulé PE**. Hip joint stresses due to cam-type femoroacetabular impingement: A systematic review of finite element simulations. *PloS one*, 2016. 11(1):e0147813.
58. Ng KC, Lamontagne M, **Beaulé PE**. Differences in anatomical parameters between the affected and unaffected hip in patients with bilateral cam-type deformities. *Clinical biomechanics (Bristol, Avon)*. 2016. 33:13-9.
59. Roda R, Whittingham-Jones PM, Lee J, Ryu JJ, **Beaulé PE**, (2016). Migration pattern of a cobalt- chrome monoblock acetabular component after metal-on-metal hip resurfacing. *Hip international: the journal of clinical and experimental research on hip pathology and therapy*, 26(3):220-5.

60. Gofton WT, Papp SR, Gofton T, **Beaulé PE**. Understanding and Taking Control of Surgical Learning Curves. *Instructional course lectures*. 2016 65: 623-32.
61. Gofton WT, Solomon M, Gofton T, Pagé A, Kim PR, Netting C, Bhandari M, **Beaulé PE**. What Do Reported Learning Curves Mean for Orthopedic Surgeons? *Instructional course lectures*. 2016. 65: 633- 44.
62. Haider I, Speirs A, Alnabelseya A, **Beaulé PE**, Frei H. (2016). Femoral subchondral bone properties of patients with cam-type femoroacetabular impingement. *Osteoarthritis and cartilage* 2016 Jun;24(6):1000-6.
63. Stambough JB, **Beaulé PE**, Nunley RM, Clohisy J. (2016). Contemporary Strategies for Rapid Recovery Total Hip Arthroplasty. *Instructional course lectures*:65: 211-24.
64. Anwander H, Cron GO, Rakhra K, **Beaulé PE**. (2016). Perfusion MRI in hips with metal-on-metal and metal-on-polyethylene total hip arthroplasty: A pilot study. *Bone & joint research*. 5(3): 73-9.
65. Arezoomand S, Lee WS, Rakhra KS, **Beaulé PE**. A 3D active model framework for segmentation of proximal femur in MR images. *Int J Comput Assist Radiol Surg*. 2015;10(1):55-66.
66. **Beaulé PE**, Singh A, Poitras S, Parker G. Surgical Dislocation of the Hip for the Treatment of Pre-Arthritic Hip Disease. *J Arthroplasty*. 2015. Sep;30(9):1502-5.
67. Butterwick D, Papp S, Gofton W, Liew A, **Beaulé PE**. Acetabular fractures in the elderly: evaluation and management. *J Bone Joint Surg Am*. 2015;97(9):758-68.
68. Catelas I, Lehoux EA, Hurda I, Baskey SJ, Gala L, Foster R, et al. Do Patients With a Failed Metal-on-metal Hip Implant With a Pseudotumor Present Differences in Their Peripheral Blood Lymphocyte Subpopulations? *Clin Orthop Relat Res*. 2015. Dec;473(12):3903-14.
69. Gofton W, **Beaulé PE**. Serum Metal Ions with a Titanium Modular Neck Total Hip Replacement System. *J Arthroplasty*. 2015 Oct;30(10):1781-6.
70. McGuffin WS, Melkus G, Rakhra KS, **Beaulé PE**. Is the contralateral hip at risk in patients with unilateral symptomatic cam femoroacetabular impingement? A quantitative T1rho MRI study. *Osteoarthritis Cartilage*. 2015;23(8):1337-42.
71. Poitras S, Wood KE, Savard J, Dervin GF, **Beaulé PE**. Predicting early clinical function after hip or knee arthroplasty. *Bone Joint Res*. 2015;4(9):145-51.
72. Sankar WN, **Beaulé PE**, Clohisy JC, Kim YJ, Millis MB, Peters CL, et al. Labral Morphologic Characteristics in Patients With Symptomatic Acetabular Dysplasia. *Am J Sports Med*. 2015;43(9):2152-6.
73. Stambough JB, Clohisy JC, Baca GR, Zaltz I, Trousdale R, Millis M, et al. Does previous pelvic osteotomy compromise the results of periacetabular osteotomy surgery? *Clin Orthop Relat Res*. 2015;473(4):1417-24.
74. Vo A, **Beaulé PE**, Sampaio ML, Rotaru C, Rakhra KS. The femoral head-neck contour varies as a function of physeal development. *Bone Joint Res*. 2015;4(2):17-22.
75. Zaltz I, Baca G, Kim YJ, Schoenecker P, Trousdale R, Sierra R, et al. Complications associated with the periacetabular osteotomy: a prospective multicenter study. *J Bone Joint Surg Am*. 2014;96(23):1967-74.
76. **Beaulé PE**, Dowding C, Parker G, Ryu J. What factors predict improvements in outcomes

- scores and reoperations after the Bernese periacetabular osteotomy? *Clin Orthop Relat Res.* 2014;473(2):615-622.
77. Zylberberg AD., Nishiwaki T, Kim PR, **Beaulé PE**. Clinical results of the conserve plus metal on metal hip resurfacing: An independent series. *J Arthroplasty.* 2015;30(1):68-73.
 78. Rakhra KS, Cardenas-Blanco A, Melkus G, Schweitzer ME, Cameron IG, **Beaulé PE**. Is the T1p MRI profile of hyaline cartilage in the normal hip uniform? *Clin Orthop Relat Res.* 2014 Aug 1 (Epub ahead of print).
 79. Ng KC, Lamontagne M, Adamczyk AP, Rakhra KS, **Beaulé PE**. Patient-specific anatomical and functional parameters provide new insights into the pathomechanism of Cam FAI. *Clin Orthop Relat Res.* 2015;473(4):1289-1296.
 80. Lee JK, Sardana V, White C, Speirs A, **Beaulé PE**. Cup version can be accurately measured on the false profile view radiograph. *Hip International.* 2014;24(4):347-54.
 81. Holder N, Papp S, Gofton W, **Beaulé PE**. Outcomes following surgical treatment of periprosthetic femur fractures: a single center series. *Can J Surg.* 2014. Jun; 57(3): 209-13.
 82. Speirs AD, **Beaulé PE**, Ferguson SJ, Frei H. Stress distribution and consolidation in cartilage constituents is influenced by cyclic loading and osteoarthritic degeneration. *J Biomech.* 2014;47(10):2348-53.
 83. Haider IT, Speirs AD, **Beaulé PE**, Frei H. Influence of ingrowth regions on bone remodelling around a cementless hip resurfacing femoral implant. *Comput Methods Biomech Biomed Engin.* 2014 Apr 4.
 84. Khanna V, Caragianis A, Diprimio G, Rakhra K, **Beaulé PE**. Incidence of hip pain in a prospective cohort of asymptomatic volunteers: is the cam deformity a risk factor for hip pain? *Am J Sports Med.* 2014 Apr;42(4):793-7.
 85. Meulenkamp B, Gravel D, **Beaulé PE**. Viability assessment of the chondral flap in patients with cam-type femoroacetabular impingement: a preliminary report. *Can J Surg.* 2014 Feb;57(1):44-8.
 86. Carsen S, Moroz PJ, Rakhra K, Ward LM, Dunlap H, Hay JA, Willis RB, **Beaulé PE**. The Otto Aufranc Award. On the etiology of the cam deformity: a cross-section pediatric MRI study. *Clin Orthop Relat Res.* 2014 Feb;472(2): 430-6.
 87. Wilkin G, March G, **Beaulé PE**. Arthroscopic acetabular labral debridement in patients forty-five years of age or older has minimal benefit for pain and function. *J Bone Joint Surg Am.* 2014 Jan 15;96(2): 113-8.
 88. Vanos R, Lildhar LL, Lehoux EA, **Beaulé PE**, Catelas I. In vitro macrophage response to nanometer-size chromium oxide particles. *J Biomed Mater Res Part B: Appl Biomater.* 2014 Jan; 102(1): 149-159
 89. Clohisy JC, Nepple JJ, Larson CM, Zaltz I, Millis M; Academic Network of Conservation Hip Outcome Research (ANCHOR) Members. Persistent structural disease is the most common cause of repeat hip preservation surgery. *Clin Orthop Relat Res.* 2013 Dec;471(12):3788-9
 90. Clohisy JC, Baca G, **Beaulé PE**, Kim YJ, Larson CM, Millis MB, Podeszwa DA, Schoenecker PL, Sierra RJ, Sink EL, Sucato DJ, Trousdale RT, Zaltz I; ANCHOR Study Group. Descriptive epidemiology of femoroacetabular impingement: A North American cohort of patients undergoing surgery. *Am J Sports Med.* 2013 Jun; 41(6):1348-56.
 91. Varin D, Lamontagne M, **Beaulé PE**. Does the anterior approach for THA provide closer-to-normal lower-limb motion? *J Arthroplasty.* 2013 Sep; 28(8): 1401-7
 92. Nepple JJ, Prather H, Trousdale RT, Clohisy JC, **Beaulé PE**, Glyn-Jones S, Rakhra K, Kim YJ. Diagnostic imaging of femoroacetabular impingement. *J Am Acad Orthop Surg.* 2013;21 Suppl 1:S20-6.

93. Nepple JJ, Prather H, Trousdale RT, Clohisey JC, **Beaulé PE**, Glyn-Jones S, Kim YJ. Clinical diagnosis of femoroacetabular impingement. *J Am Acad Orthop Surg*. 2013;21 Suppl 1:S16-9.
94. Gauthier L, Dinh L, **Beaulé PE**. Peri-acetabular bone mineral density in total hip replacement. *Bone Joint Res*. 2013 Aug 2;2(8): 140-8.
95. Speirs AD, **Beaulé PE**, Rakhra KS, Schweitzer ME, Frei H. Bone density is higher in cam-type femoroacetabular impingement deformities compared to normal subchondral bone. *Osteoarthritis Cartilage*. 2013 Aug;21(8): 1068-73.
96. Speirs AD, **Beaulé PE**, Rakhra KS, Schweitzer ME, Frei H. Increased acetabular subchondral bone density is associated with cam-type femoroacetabular impingement. *Osteoarthritis Cartilage*. 2013 Apr; 21(4): 551-8.
97. Varin D, Lamontagne M, **Beaulé PE**. Does The Anterior Approach for THA Provide Closer-To-Normal Lower-Limb Motion? *J Arthroplasty*. 2013 Sep;28(8):1401-7.
98. March GM, Elfatori S, **Beaulé PE**. Clinical experience with tranexamic acid during primary total hip arthroplasty *Hip Int*. 2013 Jan-Feb;23(1):72-9.
99. Chatrath V, **Beaulé PE**. The changing paradigm of revision of total hip replacement in the presence of osteolysis. *Instr Course Lect*. 2013;62:215-27.
100. Brisson N, Lamontagne M, Kennedy MJ, **Beaulé PE**. The effects of cam femoacetabular impingement corrective surgery on lower-extremity gait biomechanics. *Gait Posture*. 2013 Feb; 37(2): 258-63.
101. Canadian Arthroplasty Society. The Canadian Arthroplasty Society's experience with hip resurfacing arthroplasty. An analysis of 2773 hips. *Bone Joint J*. 2013;95-B(8) :1045-51.
102. **Beaulé PE**, Hynes K, Parker G, Kemp KA. Can the alpha angle assessment of cam impingement predict acetabular cartilage delamination? *Clin Orthop Relat Res*. 2012 Dec; 470(12):3361-7.
103. Peters CL, **Beaulé PE**, Beck M, Tannast M, Jiranek W, Sierra RJ. Report of Breakout Session: Strategies to Improve Hip Preservation Training. *Clin Orthop Relat Res*. 2012 Dec;470(12):3467-9.
104. Desloges W, Catelas I, Nishiwaki T, Kim PR, **Beaulé PE**. Do revised hip resurfacing arthroplasties lead to outcomes comparable to those of primary and revised total hip arthroplasties? *Clin Orthop Relat Res*. 2012 Nov;470(11):3134-41.
105. Ayeni OR, Naudie D, Crouch S, Adili A, Pindiprolu B, Chien T, **Beaulé PE**, Bhandari M. Surgical indications for treatment for femoroacetabular impingement with surgical hip dislocation. *Knee Surg Sports Traumatol Arthrosc*. 2013 Jul;21(7):1676-83.
106. Poitras S, **Beaulé PE**, Dervin GF. Validity of A Short-Term Quality of Life Questionnaire in Patients Undergoing Joint Replacement: The Quality of Recovery-40. *J Arthroplasty*. 2012 Oct;27(9):1604-1608.
107. Lamontagne M, Beaulieu ML, Varin D, **Beaulé PE**. Lower-limb joint mechanics after total hip arthroplasty during sitting and standing tasks. *J Orthop Res*. 2012 Oct;30(10):1611-7.
108. Rakhra KS, Lattanzio PJ, Cárdenas-Blanco A, Cameron IG, **Beaulé PE**. Can T1-rho MRI detect acetabular cartilage degeneration in femoroacetabular impingement?: a pilot study. *J Bone Joint Surg Br*. 2012 Sep;94(9):1187-92.
109. Mantovani G, Lamontagne M, Varin D, Cerulli GG, **Beaulé PE**. Comparison of total hip arthroplasty surgical approaches by Principal Component Analysis. *J Biomech*. 2012;45(12):2109-15.
110. Sierra RJ, **Beaulé PE**, Zaltz I, Millis MB, Clohisey JC, Trousdale RT; for the ANCHOR group. Prevention of Nerve Injury After Periacetabular Osteotomy. *Clin Orthop Relat Res*. 2012;470(8):2209-2219.

111. Sink EL, Leunig M, Zaltz I, Gilbert JC, Clohisy J; Academic Network for Conservational Hip Outcomes Research Group. Reliability of a complication classification system for orthopaedic surgery. *Clin Orthop Relat Res*. 2012 Aug;470(8):2220-6.
112. Speirs AD, Benoit DL, Beaulieu ML, Lamontagne M, & **Beaulé PE**. The accuracy of the use of functional hip motions on localization of the center of the hip. *HSS Journal*. 2012; 8(3):192-7.
113. Al-Moussa S, Moroz P, & **Beaulé PE**. Effect of pelvic osteotomy in the skeletally immature on acetabular coverage. *HSS Journal*. 2012; 8(3); 235-9
114. Ng KCG, Rouhi G, Lamontagne M, **Beaulé PE**. Finite element analysis examining the effects of cam FAI on hip joint mechanical loading using subject-specific geometries during standing and maximum squat. *HSS Journal* 2012;8(3):206-12.
115. White CA, Carsen S, Rasuli K, Feibel RJ, Kim PR, **Beaulé PE**. High incidence of migration with poor initial fixation of the Accolade stem. *Clin Orthop Relat Res*. 2012;470(2):410-7.
116. **Beaulé PE**, Kim YJ, Rakhra KS, Stelzeneder D, Brown TD. New frontiers in cartilage imaging of the hip. *Instr Course Lect*. 2012;61:253-62.
117. Lamontagne M, Varin D, **Beaulé PE**. Does the anterior approach for total hip arthroplasty better restore stair climbing gait mechanics? *J Orthop Res*. 2011 Sep;29(9):1412-7.
118. Sink EL, **Beaulé PE**, Sucato D, Kim YJ, Millis MB, Dayton M, Trousdale RT, Sierra RJ, Zaltz I, Schoenecker P, Monreal A, Clohisy J. Multicenter Study of Complications Following Surgical Dislocation of the Hip. *J Bone Joint Surg Am*. 2011;93(12):1132-6.
119. Canadian Hip Resurfacing Study Group. A survey on the prevalence of pseudotumors with metal-on-metal hip resurfacing in Canadian academic centers. *J Bone Joint Surg Am*. 2011;93 Suppl 2:118-21.
120. Kim PR, **Beaulé PE**, Dunbar M, Lee JK, Birkett N, Turner MC, Yenugadhathi N, Armstrong V, Krewski D. Cobalt and chromium levels in blood and urine following hip resurfacing arthroplasty with the conserve plus implant. *J Bone Joint Surg Am*. 2011;93 Suppl 2:107-17.
121. Almoussa S, Barton C, Speirs AD, Gofton W, **Beaulé PE**. Computer-assisted correction of cam-type femoroacetabular impingement: a Sawbones study. *J Bone Joint Surg Am*. 2011;93 Suppl 2:70-5.
122. Zaltz I, **Beaulé PE**, Clohisy J, Schoenecker P, Sucato D, Podeszwa D, Sierra R, Trousdale R, Kim YJ, Millis MB. Incidence of Deep Vein Thrombosis and Pulmonary Embolus following Periacetabular Osteotomy. *J Bone Joint Surg Am*. 2011;93(Suppl 2):62-5.
123. Lamontagne M, Brisson N, Kennedy MJ, **Beaulé PE**. Preoperative and postoperative lower-extremity joint and pelvic kinematics during maximal squatting of patients with cam femoro-acetabular impingement. *J Bone Joint Surg Am*. 2011;93 Suppl 2:40-5.
124. Rhee PC, Woodcock JA, Clohisy JC, Millis M, Sucato DJ, **Beaulé PE**, Trousdale RT, Sierra RJ; Academic Network for Conservational Hip Outcomes Research Group. The Shenton line in the diagnosis of acetabular dysplasia in the skeletally mature patient. *J Bone Joint Surg Am*. 2011;93 Suppl 2:35-9.
125. Nganbe M, Khan U, Louati H, Speirs A, **Beaulé PE**. In vitro assessment of strength, fatigue durability, and disassembly of Ti6Al4V and CoCrMo necks in modular total hip replacements. *J Biomed Mater Res B Appl Biomater*. 2011;97(1):132-8.
126. **Beaulé PE**, Kim PR, Hamdi A, Fazekas A. A prospective metal ion study of large-head metal-on-metal bearing: a matched-pair analysis of hip resurfacing versus total hip replacement. *Orthop Clin North Am*. 2011;42(2):251-7.

127. Lamontagne M, Beaulieu ML, **Beaulé PE**. Comparison of joint mechanics of both lower limbs of THA patients with healthy participants during stair ascent and descent. *J Orthop Res*. 2011;29(3):305-11.
128. Barton C, Salineros MJ, Rakhra KS, **Beaulé PE**. Validity of the alpha angle measurement on plain radiographs in the evaluation of cam-type femoroacetabular impingement. *Clin Orthop Relat Res*. 2011;469(2):464-9.
129. **Beaulé PE**, Salineros M, Rakhra K. Acetabular labral limbus as a cause of hip pain: a report of five cases. *J Bone Joint Surg Am*. 2011;93(1):91-6.
130. Nganbe M, Louati H, Khan U, Speirs A, **Beaulé PE**. Retrieval analysis and in vitro assessment of strength, durability, and distraction of a modular total hip replacement. *J Biomed Mater Res A*. 2010;95(3):819-27.
131. Hack K, Di Primio G, Rakhra K, **Beaulé PE**. Prevalence of cam-type femoroacetabular impingement morphology in asymptomatic volunteers. *J Bone Joint Surg Am*. 2010;92(14):2436-44.
132. Goulding K, **Beaulé PE**, Kim PR, Fazekas A. Incidence of Lateral Femoral Cutaneous Nerve Neuropraxia After Anterior Approach Hip Arthroplasty. *Clin Orthop Relat Res*. 2010;468(9):2397-404.
133. Beaulieu ML, Lamontagne M, **Beaulé PE**. Lower limb biomechanics during gait do not return to normal following total hip arthroplasty. *Gait Posture*. 2010;32(2):269-73.
134. Vendittoli PA, Lavigne MJ, **Beaulé PE**. Re: Metal on metal: is it worth the risk? *J Arthroplasty*. 2010 Jun;25(4):662-4; author reply 664-5.
135. Bin Nasser A, **Beaulé PE**, O'Neill M, Kim PR, Fazekas A. Incidence of groin pain after metal-on-metal hip resurfacing. *Clin Orthop Relat Res*. 2010;468(2):392-9.
136. **Beaulé PE**, Rakhra K. Cam-type FAI: is the alpha angle the best MR arthrography has to offer? (*Skeletal Radiol* 2009;38(9):855-62). *Skeletal Radiol*. 2010;39(2):201-2.
137. **Beaulé PE**, Mussett SA, Medley JB. Metal-on-Metal Bearings in Total Hip Arthroplasty. *Instr Course Lect*. 2010;59:17-25.

Published Abstracts (247 since 2010; Career: 309)

1. Coyle M, Grammatopoulos G, Gofton W, Dobransky J, Kreviazuk C, Harris N, Lamontagne M, Phan P, **Beaulé PE**. (Feb 2019). The Presence of Cervical or Thoracic Arthrodesis is Associated with Inferior Outcome Post-THA. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
2. Melkus G, Rakhra K, **Beaulé PE**. (Feb 2019). Longitudinal T1ρ Mapping of Contralateral Hip in Patients with Unilateral Cam-type Femoroacetabular Impingement. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
3. Melkus G, Rakhra K, Wilkin G, **Beaulé PE**. (Feb 2019). Quantitative Hip Cartilage MRI of Patients with Hip Dysplasia: Evaluation of dGEMRIC, T1ρ and T2* Mapping. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
4. Carli A, Abdelbary H, Ahmadzai N, Cheng W, Shea B, Hutton B, Sniderman J, Sanders B, Esmaeilisaraji L, Skidmore B, Gauthier-Kwan O, Bunting A, Gauthier P, Crnic A, Fergusson D, **Beaulé PE**. (Feb 2019). A Systematic Review of the Diagnostic Performance of

- Combination Tests for Periprosthetic Joint Infection. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
5. Galmiche R, Poitras S, Dobransky J, Kim PR, Feibel RJ, Gofton W, Abdelbary H, **Beaulé PE**. (Feb 2019). Does Surgical Approach Influence the Long-term Reported Outcomes After Primary Total Hip Replacement: Comparison of The Three Main Surgical Approaches. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 6. Logishetty K, Suraci A, Dobransky J, Kreviazuk C, **Beaulé PE**. (Feb 2019). Outcome of Failed Hip Resurfacing to Total Hip Arthroplasty Using the Direct Anterior Approach. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 7. Galmiche R, **Beaulé PE**, Dobransky J, Carli A. (Feb 2019). Radiographic Assessment of the Dynasty Biofoam Acetabular Component with a Minimum 2 years Follow-up. ORS Annual Meeting, Austin, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 8. Lovse L, Huang A, Dobransky J, Poitras S, **Beaulé PE**. (Nov 2018). Is Pareto's Principle the Way to Go for Cost Savings for Hip and Knee Arthroplasty? AAHKS Annual Meeting, Dallas, USA. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 9. Ibrahim M, Poitras S, Bunting AC, Sandoval E, Carsen S, **Beaulé PE**. (Oct 2018). Does Acetabular Coverage Influence the Clinical Outcome of Surgical Treatment of Cam Femoroacetabular Impingement? ISHA Annual Meeting, Melbourne, Australia. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 10. **Beaulé PE**. (Sept 2018). The Effect of Surgical Approach and Implant Design on Gait Analysis After Total Hip Replacement. EORS Annual Meeting, Galway, Ireland. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 11. Grammatopoulos G, Melkus G, Rakhra K, **Beaulé PE** (Sept 2018). Anatomic Predictors of Cartilage Degeneration using T1p Magnetic Resonance Imaging in Asymptomatic Hips with Cam Morphology. EORS Annual Meeting, Galway, Ireland. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 12. Speirs A, Rakhra K, Weir Weiss M-J, **Beaulé PE**. (Sept 2018). The Effect of Surgical Resection of Hip Impingement Deformities: A Within-Patient Experience. EORS Annual Meeting, Galway, Ireland. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 13. Suraci A, Louati H, Culliton K, **Beaulé PE**. In-vivo Wear Rate of Highly Crosslinked Polyethylene Comparing Re-melted to Annealed Manufacturing. EORS Annual Meeting, Galway, Ireland. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 14. Richards M, Al-Youssef H, Kim J-K, Poitras S, Penning J, **Beaulé PE**. An Evaluation of the Effectiveness and Safety of Total Hip Arthroplasty as an Outpatient Procedure. EORS Annual Meeting, Galway, Ireland. Main Audience: Knowledge User. Invited? Yes. Competitive? Yes.
 15. Grammatopoulos G, Jamieson P, Dobransky J, Rakhra KS, Carsen S, **Beaulé PE** (June 2018). *Acetabular Version Increases During Adolescence Secondary to a Reduction in Anterior Femoral Head Coverage*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 16. Grammatopoulos G, Pascual-Garrido C, Nepple J, ANCHOR Group, **Beaulé PE**, Clohisy J (June 2018). *Does Severity of Dysplasia Influence Clinical Outcomes Following the Periacetabular Osteotomy? A Case Control Study*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.

17. Lamontagne M, Catelli D, Le A, **Beaulé PE** (June2018). *Hip Muscles Strength and Frequency Analysis Following FAI Surgery Correction*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
18. Ibrahim M, Kreviazuk C, Culliton K, **Beaulé PE**, Carli AV (June2018). *The Influence of Surgical Approach on Acetabular Component Positioning: A Comparative Study of Patients who Underwent Bilateral Total Hip Arthroplasty through Different Approaches by the Same Surgeon*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
19. Ibrahim M, Poitras S, Bunting AC, Sandoval E, **Beaulé PE** (June2018). *Does Acetabular Coverage Influence the Clinical Outcome of Arthroscopically Treated Cam Femoroacetabular Impingement?* COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
20. Grammatopoulos G, Speirs A, Ng KC, Riviere C, Rakhra K, Lamontagne M, **Beaulé PE** (June2018). *The Acetabular and Spino-pelvic Morphologies are Different in Subjects with Cam Morphology*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
21. Grammatopoulos G, Pascual-Garrido C, Nepple J, Larson C, Bedi A, ANCHOR Group, **Beaulé PE**, Clohisy J (June2018). *The Borderline Dysplastic Hip: Arthroscopy or PAO?* COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
22. Carli AV, Abdelbary H, Ahmadzai N, Cheng W, Shea B, Gauthier-Kwan O, Bunting AC, **Beaulé PE**. *A Comprehensive Systematic Review Comparing the Diagnostic Accuracy Performance of Blood Markers, Synovial Fluid, and Tissue Testing in Peri-Prosthetic Joint Infections*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes
23. Ibrahim M, Gofton W, Feibel RJ, Dobransky J, Kim PR, **Beaulé PE**. *Safety and Effectiveness of the Direct Anterior Approach for Total Hip Arthroplasty: A Decade's Experience at a Tertiary Care Center*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
24. Culliton K, Suraci A, Louati H, Gofton W, **Beaulé PE**. *Comparison of in vivo Performance of Remelted versus Annealed Highly-crossed Polyethylene in Total Hip Acetabular Liners*. COA Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
25. Richards M, Poitras S, Dobransky J, Kim JK, **Beaulé PE**. *An Evaluation of Utility and Safety of Total Hip Arthroplasty as an Outpatient Procedure*. CORS Annual Meeting, Victoria, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
26. Grammatopoulos G, Gofton W, Cochran M, Dobransky J, Carli AV, Abdelbary H, Gill HS, **Beaulé PE**. (May2018). *Pelvic Positioning is More Reliable in the Supine Position, Leading to More Consistent Cup Orientation After Total Hip Replacement*. EFORT Annual Congress, Barcelona, Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
27. Grammatopoulos G, Jamieson P, Dobransky J, Rakhra KS, Carsen S, **Beaulé PE** (May2018). *Acetabular Version Increases During Adolescence Secondary to a Reduction in Anterior Femoral Head Coverage*. EFORT Annual Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
28. **Beaulé PE**, Grammatopoulos G, Juneau D, Thornhill R, Kim JK, Vogel K, Dobransky J, Dwivedi G. (May2018). *Does Chronic Exposure to Cobalt Ion Release in Patients with a Metal on Metal Hip Resurfacing Impair Cardiac Function? A Cardiac MRI Analysis*. EFORT Annual

- Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
29. Grammatopoulos G, Gofton W, Coyle M, Dobransky J, Kreviazuk C, Harris N, Jibri Z, **Beaulé PE**. (May2018). *How does Spinal Arthrodesis Affect Outcome and Sagittal Plane Pelvic Movement Post Total Hip Arthroplasty? A Prospective, Case-Matched Study*. EFORT Annual Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 30. Grammatopoulos G, Speirs A, Ng KC, Riviere C, Rakhra K, Lamontagne M, **Beaulé PE** (May2018). *The Acetabular and Spino-pelvic Morphologies are Different in Subjects with Cam Morphology*. EFORT Annual Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 31. Gartke K, Poitras S, Spilg E, Dobransky J, **Beaulé PE**. (May2018). *Assessing Variability in Surgeon Empathy using a Validated Assessment Measure at a Tertiary Care Centre*. EFORT Annual Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 32. Ibrahim M, Gofton W, Feibel R, Kim PR, Dobransky J, **Beaulé PE**. (May2018). *Safety and Effectiveness of the Direct Anterior Approach for Total Hip Arthroplasty: A Decade's Experience at a Tertiary Care Centre*. EFORT Annual Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 33. **Beaulé PE**, Kim PR, Dowding C, Dobransky J. (May2018). *Metal on Metal Hip Resurfacing in Patients 45 Years of Age and Less at a Minimum Five-Year Followup*. EFORT Annual Congress, Barcelona Spain. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 34. Pascual Garrido C, Grammatopoulos G, Eamsobhana P, ANCHOR Study Group, Nepple J, **Beaulé PE**, Clohisy J (Mar2018). *Are there Disease-Specific Articular Cartilage Wear Patterns in Various Pre-Arthritic Hip Disorders?* ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
 35. Grammatopoulos G, Speirs A, Ng KCG, Riviere C, Rakhra K, Lamontagne M, **Beaulé PE** (Mar2018). *The Acetabular and Spino-Pelvic Morphologies are Different in Subjects with Symptomatic Cam Femoro-Acetabular Impingement*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
 36. Grammatopoulos G, Jamieson P, Dobransky J, Rakhra K, Carsen S, **Beaulé PE** (Mar2018). *Acetabular Version Increases during Adolescence Secondary to a Reduction in the Anterior Femoral Head Coverage*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
 37. **Beaulé PE**, Abdelbary H, Cheng W, Shea B, Carli AV, Ahmadzai N. (Mar2018). *A Systematic Review to Compare the Diagnostic Accuracy of Histological Analysis versus Tissue Culture in Peri-Prosthetic Joint Infections (PJI)*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
 38. Chen B, Dobransky J, Poitras S, Forster A, **Beaulé PE** (Mar2018). *Impact of Definition and Timeframe on Capturing Surgery-Related Readmissions After Primary Joint Arthroplasty*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
 39. **Beaulé PE**, Grammatopoulos G, Juneau D, Thornhill R, Kim JK, Vogel K, Dobransky J, Dwivedi G (Mar2018). *Does Chronic Exposure to Cobalt Ion Release in Patients with a Metal on Metal Hip Resurfacing Impair Cardiac Function? A Cardiac MRI Analysis*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.

40. **Beaulé PE**, Dowding C, Dobransky J (Mar2018). *Metal on Metal Hip Resurfacing in Patients 45 Years of Age and Less at a Minimum Five-Year Followup*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
41. Grammatopoulos G, Gofton W, Cochran M, Dobransky J, Carli AV, Gill HS, **Beaulé PE** (Mar2018). *Pelvic Positioning is More Reliable in the Supine Position, Leading to More Consistent Cup Orientation after Total Hip Replacement*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes
42. **Beaulé PE**, Carsen S, Jamieson P, Rakhra K, Dobransky J, Highmore K, Ward L. (Mar2018). *Cam Femoro-Acetabular Impingement Morphology Develops in Adolescence and is Associated with Level of Physical Activity*. ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes
43. Ibrahim M, Poitras S, Bunting AC, Sandoval E, **Beaulé PE** (June2018). *Does Acetabular Coverage Influence the Clinical Outcome of Arthroscopically Treated Cam Femoroacetabular Impingement?* ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
44. Garland K, Chen B, Roffey D, Poitras S, Wai E, **Beaulé PE**, Kingwell S (Mar2018). *How Accurate is Administrative Coding in Detecting Adverse Events After Orthopaedic Surgery?* ORS Annual Meeting, New Orleans USA. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
45. Grammatopoulos G, Speirs A, Ng KCG, Riviere C, Rakhra K, Lamontagne M, **Beaulé PE** (Mar2018). *The Acetabular and Spino-Pelvic Morphologies are Different in Subjects with Symptomatic Cam Femoro-Acetabular Impingement*. AAOS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
46. **Beaulé PE**, Carsen S, Jamieson P, Rakhra K, Dobransky J, Highmore K, Ward L. (Mar2018). *Cam Femoro-Acetabular Impingement Morphology Develops in Adolescence and is Associated with Level of Physical Activity*. AAOS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
47. Garland K, Chen B, Roffey D, Poitras S, Wai E, **Beaulé PE**, Kingwell S. (Mar2018) *How Accurate is Administrative Coding in Detecting Adverse Events after Elective Orthopaedic Surgery?* AAOS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
48. Grammatopoulos G, Jamieson P, Dobransky J, Rakhra K, Carsen S, **Beaulé PE** (Mar2018). *Acetabular Version Increases during Adolescence Secondary to a Reduction in the Anterior Femoral Head Coverage*. AAOS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
49. **Beaulé PE**, Grammatopoulos G, Juneau D, Thornhill R, Kim JK, Vogel K, Dobransky J, Dwivedi G (Mar2018). *Does Chronic Exposure to Cobalt Ion Release in Patients with a Metal on Metal Hip Resurfacing Impair Cardiac Function? A Cardiac MRI Analysis*. AAOS Annual Meeting, New Orleans USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
50. Grammatopoulos G, Jamieson P, Dobransky J, Rakhra K, Carsen S, **Beaulé PE** (Mar2018). *Acetabular Version Increases during Adolescence Secondary to a Reduction in Anterior Femoral Head Coverage*. BHS Annual Meeting, Nottingham UK. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
51. Grammatopoulos G, Gofton W, Cochran M, Dobransky J, Carli AV, Gill HS, **Beaulé PE** (Mar2018). *Pelvic Positioning is More Reliable in the Supine Position, Leading to More Consistent Cup Orientation after Total Hip Replacement*. BHS Annual Meeting, Nottingham UK. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.

52. Grammatopoulos G, Speirs A, Ng KC, Riviere C, Rakhra K, Lamontagne M, **Beaulé PE** (Mar2018). *The Acetabular and Spino-Pelvic Morphologies are Different in Subjects with Cam Morphology*. BHS Annual Meeting, Nottingham UK. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
53. Grammatopoulos G, Gofton W, Coyle M, Dobransky J, Kreviazuk C, Kim PR, **Beaulé PE** (Mar2018). *Spino-pelvic Hypermobility is Associated with Inferior Outcome Post-THA: Examining the Effect of Spinal Arthrodesis*. BHS Annual Meeting, Nottingham UK. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
54. **Beaulé PE**, Catelli DS, Kowalski E, Lamontagne M. (Nov2017) *La Prosthèse de la Hanche à double mobilité Produit-Elle une Meilleure Mécanique Articulaires?* SOFCOT Annual Meeting, Paris, France. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
55. Dowding C, Dobransky J, **Beaulé PE**. (Nov2017). *Resurfaçage Métal sur Métal: Le Suivi Prolongé des Patients de 45 Ans et Moins*. SOFCOT Annual Meeting, Paris, France. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
56. **Beaulé PE**, Speirs AD, Anwander H, Melkus G, Rakhra K, Frei H, Lamontagne M. (Nov2017) *Correction Chirurgicale des Déformations de la Hanche et l'impact sur le Processus Dégénératif au Niveau de l'Articulation de la Hanche*. SOFCOT Annual Meeting, Paris, France. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
57. **Beaulé PE**, Culliton K, Louati H, Gharib G, Dobransky J, Page A, Gofton W. (Nov2017) *Comparaison de l'Approche Antérieure avec l'Approche Postérieure de la Hanche: Migration Précoce des Tiges et Complications*. SOFCOT Annual Meeting, Paris, France. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
58. Grammatopoulos G, Pascual-Garrido C, Nepple J, ANCHOR Group, **Beaulé PE**, Clohisy J (Nov2017). *Does Severity of Dysplasia Influence Clinical Outcomes Following the Periacetabular Osteotomy? A Case Control Study*. AAHKS Annual Meeting, Dallas USA. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
59. Pascual Garrido C, Grammatopoulos G, Eamsobhana P, ANCHOR Study Group, Nepple J, **Beaulé PE**, Clohisy J (Nov2017). *Are there Disease-Specific Articular Cartilage Wear Patterns in Various Pre-Arthritic Hip Disorders?* AAHKS Annual Meeting, Dallas USA. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
60. Grammatopoulos G, Jamieson P, Dobransky J, Rakhra K, Carsen S, **Beaulé PE**. (Oct2017) *Acetabular Version Increases during Adolescence Secondary to A Reduction in Anterior Femoral Head Coverage*. ISHA Annual Scientific Meeting, Santiago de Chile, Chile. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
61. Grammatopoulos G, Speirs A, Ng G, Lamontagne M, Rakhra K, **Beaulé PE**. (Oct2017) *The Acetabular and Spino-Pelvic Morphologies are Different in Subjects with Symptomatic Cam Femoro-Acetabular Impingement*. ISHA Annual Scientific Meeting, Santiago de Chile, Chile. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
62. Grammatopoulos G, Melkus G, Rakhra K, **Beaulé PE**. (Oct2017) *How Does the T1rho Relaxation Time Change with Time in Asymptomatic Hips with Cam Femoral Acetabular Impingement?* ISHA Annual Scientific Meeting, Santiago de Chile, Chile. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
63. Culliton K, Louati H, Gharib G, Dobransky J, Pagé A, Gofton W, **Beaulé PE**. (June2017). *Comparing the Direct Anterior Approach with the Posterior Approach to the Hip: Early Stem Migration and Complications*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes
64. Chen B, Dobransky J, Poitras S, Forster A, **Beaulé PE**. (June2017). *Specificity of 30 and 90-Day Readmission after Primary Joint Arthroplasty using An Institutional Automated System*. COA

- Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes
65. Armstrong M, Carli AV, Abdelbary H, Poitras S, Lapner P, **Beaulé PE** (June2017). *Orthopaedic Surgeon Adherence to Unified Guidelines for Management of Periprosthetic Joint Infections: A Gap Analysis*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes.
 66. Illical E, Gofton W, Feibel R, Kim PR, **Beaulé PE** (June2017). *A Single Centre Experience with a Titanium Modular Neck Total Hip Arthroplasty*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 67. **Beaulé PE**, Dowding CT, Dobransky J. *Metal on Metal Hip Resurfacing in Patients 45 Years of Age and Less at a Minimum Five-Year Followup*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 68. Grammatopoulos G, Melkus G, Rakhra KS, **Beaulé PE**. *How does the T1 ρ Relaxation Time Change with Time in Asymptomatic Hips with Cam-type Femoro-Acetabular Impingement?* COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 69. Bsat S, Frei H, **Beaulé PE** (June2017). *Effect of Femoroacetabular Impingement (FAI) Surgical Correction on Acetabular Labrum Seal*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 70. Gala L, Khanna V, Rakhra KS, Ryu JJ, **Beaulé PE** (June2017). *Does the Femoral Head/Neck Contour in the Skeletally Mature Change over Time?* COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 71. **Beaulé PE**, Speirs A, Anwander H, Melkus G, Rakhra K, Frei H, Lamontagne M (June2017). *Surgical Correction of Hip Deformities and its Impact on the Degenerative Process within the Hip Joint*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User, Invited? Yes, Competitive? Yes
 72. Au K, Poitras S, Wood K, **Beaulé PE**. *Predicting Length of Stay After Primary Hip and Knee Replacements*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User. Invited? Yes, Competitive? Yes.
 73. Lamontagne M, Catelli D, Kowalski E, **Beaulé PE**. (June2017) *Kinematic Analysis of Dual-Mobility vs Single-Bearing Hip Prosthesis during Squatting Task using Statistical Parametric Mapping*. COA Annual Meeting, Ottawa, Canada. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 74. Bsat S, Hanspeter F, **Beaulé PE**. (Mar2017) *Effect of Femoroacetabular Impingement (FAI) Surgical Correction on Acetabular Labrum Seal*. Orthopaedic Research Society Annual Conference, San Diego, United States. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 75. Grammatopoulos G, Melkus G, Rakhra KS, **Beaulé PE**. (Mar2017) *How Does T1 ρ Relaxation Time Change with Time in Asymptomatic Hips with CAM Femoroacetabular Impingement?* Orthopaedic Research Society Annual Conference, San Diego, United States. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 76. **Beaulé PE**, Speirs AD, Anwander H, Melkus G, Rakhra KS, Frei H, Lamontagne M. (Mar2017) *Surgical Correction of Hip Deformities and its Impact on the Degenerative Process within the Hip Joint*. Orthopaedic Research Society Annual Conference, San Diego, United States. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 77. Poitras S, Au K, Wood K, Dervin G, **Beaulé PE**. (Nov2016) *Predicting Hospital Length of Stay and Short-term Function after Hip or Knee Arthroplasty: Are Both Comorbidity and Performance*

- Measures Useful?* Canadian Arthroplasty Society Annual Meeting, Toronto, Canada. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
78. **Beaulé PE**, Parker G, Kemp KA. (15Sep2016). Outcomes of joint preservation surgery: comparison of patients with dynamic dysplasia of the hip (DDH) and femoroacetabular impingement (FAI). ISHA Annual Scientific Meeting, San Francisco, CA, USA.
 79. **Beaulé PE**, Dang T, Speirs A. (16Sept2016) *Acetabular Bone Density Decreases Following Surgical Correction of FAI Deformities*. ISHA Annual Scientific Meeting, San Francisco, CA, USA. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 80. Stewart A, Abdelbary H, **Beaulé, PE**. (17June2016) *Trochanteric Fixation Using a Third Generation Cable Device: The Ottawa Experience*. Canadian Orthopedic Association Conference, Québec, Québec. Main Audience: Knowledge User Invited? Yes, Competitive? Yes.
 81. **Beaulé PE**, Dang T, Speirs A. (17June2016) *Acetabular Bone Density Decreases Following Surgical Correction of FAI Deformities*. Canadian Orthopedic Association Conference, Québec, Québec. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 82. **Beaulé PE**, Alyousif H, Singh A, Penning JP. (17June2016) *Outpatient Total Hip Replacement in Tertiary Academic Centre: Preliminary Experience*. Canadian Orthopedic Association Conference, Québec, Québec. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 83. Dowding CT, Parker G, Ryu JJ. (17June2016). *Predictors of Clinical Outcome after the Bernese Peri-acetabular Osteotomy*. Canadian Orthopedic Association Conference, Québec, Québec. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 84. Anwander H, Melkus G, Rakhra KS, **Beaulé, PE** (17June2016). *Validation of T1rho MRI as a Biomarker in Hips with Cam-type Femoroacetabular Impingement*. Canadian Orthopedic Association Conference, Québec, Québec. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 85. **Beaulé PE**, Singh A, Dobransky J. & Bleeker H. (17June2016). *Defining modes of failure after joint preserving surgery of the hip*. Canadian Orthopedic Association Conference, Québec, Quebec. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 86. Smolders J, Speirs AD, Frei H, **Beaulé PE**. (2016). *Role of Patient Activity Level in the Degenerative Process Associated with CAM Femoral Acetabular Impingement*. Orthopedic Research Society, Orlando, United States. Main Audience: Knowledge User Invited? Yes, Competitive? Yes
 87. Kowalski E, Catelli DS, Lamontagne M, **Beaulé PE**. (2016). *Asymmetry in Patients with a Dual Mobility Total Hip Arthroplasty during Inclined Walking: A Randomized Clinical Trial*. Orthopedic Research Society, Orlando, United States Main Audience: Researcher, Competitive? Yes
 88. **Beaulé PE**, Gofton W, Bhandari M, De Steiger R. (2016). *Adopting New Techniques and Technologies: Learning Curve in Orthopedics*. AAOS 2016 Annual Meeting, Orlando, United States Main Audience: Knowledge User Invited? Yes, Competitive?: Yes
 89. Pahuta M, Kim PR, **Beaulé PE**, Smolders JM, Van Susante JL. (2016). *Metal Ion Levels are not a Useful Test for Failed Metal-On-Metal Hip Implants: A Systematic Review and Meta- Analysis*. American Academy of Orthopedic Surgeons 2016 Annual Meeting, Orlando, United States Main Audience: Knowledge User Invited? Yes, Competitive?: Yes
 90. Ng KC, Mantovani G, Lamontagne M, Labrosse MR. (2016). *Hip Joint Stresses Due to the Cam Deformity and Femoral Neck-Shaft Angle During Level-Walking*. Orthopedic Research Society, Orlando, United States Main Audience: Researcher, Competitive? Yes

91. Catelli DS, Kowalski E, Lamontagne M, **Beaulé PE**. (2016). *Hip and Pelvis Mechanics and Asymmetry in Cam Femoroacetabular Deformity Patients During Level Gait*. Orthopedic Research Society Annual Meeting, Orlando, United States Main Audience: Researcher, Competitive? Yes
92. Mantovani G, Lamontagne M, **Beaulé PE**. (2016). *Hip Muscle and Contact Force Estimation for FAI Population During Walking*. Orthopedic Research Society Annual Meeting, Orlando, United States Main Audience: Researcher, Competitive? Yes
93. **Beaulé PE**, Pahuta M, Smolders J, van Susante JL, Peck J, Kim PR. (2016). *Metal Ion Levels Are Not a Useful Test for Failed Metal-on-metal Hip Implants: A Systematic Review and Meta-analysis*. Orthopedic Research Society Annual Meeting, Orlando, United States Main Audience: Researcher, Competitive? Yes
94. Anwander H, Melkus G, Rakhra KS, **Beaulé PE**. (2016). *Correlation of T1p Mri and Womac Scores in Hips with Cam-type Femoroacetabular Impingement*. Orthopedic Research Society, Orlando, United States Main Audience: Researcher, Competitive? Yes
95. Dang T, **Beaulé PE**, Frei H, Speirs AD. (2016). *Acetabular Bone Density Decreases Following Surgical Correction of FAI Deformities*. Orthopedic Research Society, Orlando, United States Main Audience: Researcher, Competitive? Yes
96. Clohisy JC, **Beaulé PE**, Bedi A, Siebenrock K. (2016). *Hip Preservation Surgery: How to Avoid and Treat Complications and Failures*. American Academy of Orthopedic Surgeons 2016 Annual Meeting, Orlando, United States Main Audience: Knowledge User Invited? Yes, Competitive? Yes
97. Ng KC, Mantovani G, Lamontagne M, Labrosse MR, **Beaulé PE**. (2016). *The Effects of Cam Femoroacetabular Impingement on Subchondral Bone Stresses During Squatting*. Orthopedic Research Society, Orlando, United States Main Audience: Researcher, Competitive? Yes
98. **Beaulé PE**. (2016). *Hip Arthroplasty and Athletes: Optimal Bearing Surfaces*. American Academy of Orthopedic Surgeons 2016 Annual Meeting, Orlando, United States Main Audience: Knowledge User Invited? Yes, Competitive? Yes
99. Smolders J, Speirs AD, Frei H, **Beaulé PE**. (2016). *Correlation between the Subchondral Bone Density of the CAM-Type Femoral Acetabular Impingement Deformity and the Acetabulum*. Orthopedic Research Society Annual Meeting, Orlando, United States Main Audience: Researcher, Competitive? Yes
100. Catelas I, Lehoux EA, Foster R, Baskey S, **Beaulé PE**. (2016). *Differences in Peripheral Blood Lymphocyte Subpopulations between Patients with a Symptomatic and an Asymptomatic Pseudotumor Associated with a Metal-on-Metal Hip Implant*. Orthopedic Research Society Annual Meeting, Orlando, United States Main Audience: Researcher, Competitive? Yes
101. **Beaulé PE**, Anwander H, Cron G, Rakhra K. (2016). *Perfusion MRI in Hips with Metal on Metal Total Hip Arthroplasty: A Pilot Study*. Orthopedic Research Society, Orlando, United States Main Audience: Researcher, Competitive? Yes
102. Aljenaei F, Louati H, Catelas I, Nganbe M, **Beaulé PE**. (2016). *Effects of Material Selection and Assembly Method: An In Vitro Simulation of In Vivo Hip Implant Modular Neck Failure*. Orthopedic Research Society Annual Meeting, Orlando, United States Main Audience: Researcher, Competitive? Yes
103. **Beaulé P.E.**, Clohisy J.C., Ryu J.J., Outcome Preservation Surgery: Comparison of Development Dysplasia of the Hip (DDH) & Femoroacetabular Impingement (FAI). *Annual Meeting of the American Academy of Orthopedic Surgeons*, Las Vegas, Nevada, USA, 2015.
104. Gillian Bayley G., **Beaulé P.E.**, Parker G., Labral tears in Patients in less than 25 years of age: Clinical presentation and Analysis of Outcomes. *Annual Meeting of the American Academy of Orthopedic Surgeons*, Las Vegas, Nevada, USA, 2015.

105. Anwander H, Sacevich N, Rakhra K, Schweitzer M, MD, **Beaulé P.E.**, Development of A New Tool to Predict Outcome of Hip Arthroscopy: Worms- Whole Organ Magnetic Resonance Score. *61st Annual Meeting, Orthopaedic Research Society, Las Vegas, NV, USA, 2015*
106. **Beaulé P.E.**, Page A., Drodge A., Breithaupt P., Is the Anterior Approach Associated with A Higher Risk of Femoral Component Migration. *61st Annual Meeting, Orthopaedic Research Society, Las Vegas, NV, USA, 2015*
107. Bouthillier A. Le., **Beaulé P.E.**, Rakhra K., Foster R., Can Soft Tissues Structures Differentiate between Dysplasia and Cam-Fai of the Hip? *61st Annual Meeting, Orthopaedic Research Society, Las Vegas, NV, USA, 2015*
108. McGuffin W.S., Melkus G., Kawan R., **Beaulé P.E.**, Is the Contralateral Hip at Risk in Patients with Unilateral Symptomatic Cam FAI? A Quantitative T1p MRI Study. *61st Annual Meeting, Orthopaedic Research Society, Las Vegas, NV, USA, 2015*
109. Lehoux E.A., Hurda I., Baskey S., **Beaulé P.E.**, Catelas I., Immunophenotypic analysis of peripheral blood lymphocytes in patients with hip implant-related metal hypersensitivity. *61st Annual Meeting, Orthopaedic Research Society, Las Vegas, NV, USA, 2015.*
110. Bouthillier A Le., **Beaulé PE.**, Rakhra K., Foster RCB., Can Soft Tissues Structures Differentiate between Dysplasia and Cam-Fai Of the Hip? *70th Annual Meeting, Canadian Orthopaedic Association, Vancouver, Canada, 2015*
111. **Beaulé P.E.**, Page A., Drodge A., Breithaupt P., Is the Anterior Approach Associated with A Higher Risk of Femoral Component Migration, *70th Annual Meeting, Canadian Orthopaedic Association, Vancouver, Canada, 2015*
112. **Beaulé PE.**, Singh A., Parker G., Surgical dislocation of the hip for treatment of pre-arthritic hip disease: A minimum five-year follow-up study, *70th Annual Meeting, Canadian Orthopaedic Association, Vancouver, Canada, 2015*
113. Anwander H; Sacevich N; Rakhra K; Schweitzer M; **Beaulé P E.**, Development of a New Tool to Predict Outcome of Hip Arthroscopy: WORMS - Whole Organ Magnet Resonance Score, *70th Annual Meeting, Canadian Orthopaedic Association, Vancouver, Canada, 2015*
114. Frombach AA., Ryu JJ., **Beaulé P E.**, Working Towards Benchmarks in Orthopedic Room Efficiency for Joint Replacement Surgery in an Academic Centre, *70th Annual Meeting, Canadian Orthopaedic Association, Vancouver, Canada, 2015*
115. Aljenaï F., Louati H., **Beaulé P.E.**, Catelas I., Nganbe M., *In vitro* simulation of modular neck fracture, wear, corrosion, and distraction in total hip replacements. *31st Annual Meeting of the Canadian Biomaterials Society, Halifax, NS, Canada, 2014.*
116. McAllister G., **Beaulé P.E.**, Baskey S.J., Nganbe M., Catelas I., Surface analysis of modular necks from failed hip implants. *31st Annual Meeting of the Canadian Biomaterials Society, Halifax, NS, Canada, 2014.*
117. Lehoux E.A., Ning Z., **Beaulé P.E.**, Figeys D., Baskey S.J., Catelas I., Identification of proteins differentially represented in the synovial fluid of patients with failed metal-on-metal and metal-on-polyethylene hip implants, *American Orthopaedic Association (AOA) / Canadian Orthopaedic Association (COA) Combined Meeting, Montreal, QC, Canada, 2014.*
118. Xiang X., Guira E., Hurda I., Lehoux E.A., Lemay M.O., Baskey S.J., **Beaulé P.E.**, Catelas I., Comparison of peripheral blood lymphocyte phenotypes in patients with failed metal-on-metal hip implants with and without a pseudotumor, *AOA/COA Combined Meeting, Montreal, QC, Canada, 2014.*
119. Bayley G, Parker G, **Beaulé PE.** Hip arthroscopy in patients less than 25 years of age : analysis of outcomes and indications for surgery. *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*

120. Speirs A, **Beaulé PE**, Ferguson S, Frei H. The biomechanical properties of cartilage from cam-type femoroacetabular impingement deformities is consistent with osteoarthritis. *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*
121. **Beaulé PE**, Khanna V, Rakhra K. Cam lesions of hip: A static or dynamic deformity? *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*
122. Little R, Reynolds S, Lamontagne M, **Beaulé PE**. Does the dual-mobility hip prosthesis produce better joint mechanics during squatting tasks? *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*
123. Vo A, **Beaulé PE**, Sampaio M, Rotaru C, Rakhra K. Femoral head/neck contour varies as a function of physeal development. *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*
124. Speirs A, Frei H, Huang A, **Beaulé PE**. The cam deformity in patients with femoroacetabular impingement demonstrates loss of proteoglycan content. *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*
125. **Beaulé PE**, Kim P, Gala L. Natural history of lateral femoral cutaneous nerve (LFCN) neuropraxia after anterior approach total hip arthroplasty: A 5-year follow-up. *69th Annual Meeting, Canadian Orthopaedic Association, Montreal, QC, 2014.*
126. McAllister G, **Beaulé PE**, Baskey SJ, Nganbe M, Catelas I, Mapping of surface roughness and corrosion of necks from failed modular hip implants, *2nd International Conference on BioTribology, Toronto, ON, Canada, 2014.*
127. Tice A, Ryu JJ, Kim PR, Dinh L, **Beaulé PE**. A randomized controlled trial of a cemented vs. cementless femoral component. *2014 Annual Meeting of the American Academy of Orthopedic Surgeons, New Orleans, LA, USA, 2014.*
128. Anchor Group, Clohisy JC, Gottlieb M, Baca G, Sierra RJ, Sink EL, Podeszwa DA, Millis MB, **Beaulé PE**. Hip arthroscopy failure in hip dysplasia: Who needs a periacetabular osteotomy? *2014 Annual Meeting of the American Academy of Orthopedic Surgeons, New Orleans, LA, USA, 2014.*
129. **Beaulé PE**, Illical E, Feibel RJ, Kim PR. A single-center experience using a modular neck system for primary total hip arthroplasty. *2014 Annual Meeting of the American Academy of Orthopedic Surgeons, New Orleans, LA, USA, 2014.*
130. Clohisy JC, Baca G, Millis MB, Sink EL, Trousdale RT, Zaltz I, Podeszwa DA, **Beaulé PE**, Schoenecker PL. Descriptive epidemiology of symptomatic acetabular dysplasia: A North American cohort. *2014 Annual Meeting of the American Academy of Orthopedic Surgeons, New Orleans, LA, USA, 2014.*
131. Lehoux EA, Xiang X, Lemay MO, Guira E, Hurda I, Baskey SJ, **Beaulé PE**, Catelas I. (2014). Immunophenotypic analysis of peripheral blood lymphocytes in patients with failed metal-on-metal hip implants associated with a pseudotumor. Annual Meeting of Orthopedic Research Society, New Orleans, LA, USA. Poster No: 0182
132. Ng KCG, Lamontagne M, Adamczyk AP, Rakhra KS, **Beaulé PE**. Discriminant function analysis using radiographic and biomechanical parameters in determining at-risk patients with a cam deformity. *Annual Meeting of Orthopedic Research Society, New Orleans, LA, USA. 2014. Poster No: 0241.*
133. Speirs AD, **Beaulé PE**, Ferguson SJ, Frei, H. Degenerative changes in the biomechanical properties of cartilage from cam-type femoroacetabular impingement deformities. Annual Meeting of Orthopedic Research Society, New Orleans, LA, USA. 2014. Poster No: 0243.
134. **Beaulé PE**, Kim, PR, Dinh, L. Densité minérale osseuse du col fémoral après resurfaçage métal/métal de la hanche : étude randomisée comparant une composante fémorale avec ciment vs sans ciment. *88e Société Française de Chirurgie Orthopédique et*

- Traumatologique, Paris, France. 2013.
135. Belzile E, Powell J, **Beaulé PE**, Antoniou J, Bourne R, Schemitsch E, Vendittoli, P, Smith F, Werle J, Kim P, Lavigne M, Huk O, O'Connor G, Lavoie G, Burnell C, Smith A, Roy A. Expérience canadienne multicentrique sur le taux de révision du resurfacement de la hanche. 88e Société Française de Chirurgie Orthopédique et Traumatologique, Paris, France. 2013.
 136. **Beaulé PE**, Caragianis A, Belanger H, Kemp K, Rakhra K, DiPrimio G. Incidence de douleur à la hanche dans une cohorte de bénévoles initialement asymptomatique. 88e Société Française de Chirurgie Orthopédique et Traumatologique, Paris, France. 2013.
 137. **Beaulé PE**. Y a-t'il une association entre la sévérité de la déformation de type CAM dans le conflit fémoroacétabulaire et l'altération du cartilage acétabulaire? 88e Société Française de Chirurgie Orthopédique et Traumatologique, Paris, France. 2013.
 138. **Beaulé P.E.**, Kim, P. R. Metal ion levels in a modular neck total hip replacement system. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 139. **Beaulé P.E.**, Ng, G., Lamontagne, M., Dwyer, K. D. Hip joint geometry and squat depth to classify CAM-FAI. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 140. **Beaulé PE**, Kim PR. A randomized clinical trial examining clinical function of cemented versus cementless femoral component. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 141. Wilkin G, March G, **Beaulé PE**. Arthroscopic acetabular labral debridement in patients older than 45 years has minimal clinical benefit. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 142. Lamontagne M, Varin D, **Beaulé PE**. How reconstruction parameters and surgical approach affect hip function after THA. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 143. Khanna V, **Beaulé PE**, Caragianis, A, Belanger H, Kemp K, Rakhra K, DiPrimio G. Incidence of hip pain in 200: An Asymptomatic cohort of volunteers with minimum four year follow up. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 144. **Beaulé PE**, Sacevich N, Rakhra K, Schweitzer M. Whole organ MRI score of the hip: Development of a diagnostic tool for predicting surgical outcome after arthroscopy. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 145. **Beaulé PE**, Lee J, Speirs A, Sardana V. Cup version can be measured accurately on the false profile radiograph. *68th Annual Meeting, Canadian Orthopaedic Association, Winnipeg, MB, 2013.* 1 page.
 146. Guira E, Xiang X, Hurda I, Lehoux EA, **Beaulé PE**, Baskey SJ, Catelas I, Analysis of peripheral blood lymphocyte phenotypes in patients with failed metal-on-metal hip implants, *30th Annual Meeting of the Canadian Biomaterials Society, Ottawa, ON, Canada, 2013.*
 147. Lehoux EA, Ning Z, **Beaulé PE**, Figeys D, Baskey SJ, Catelas I, Proteomic analysis of synovial fluid from patients with failed hip implants, *30th Annual Meeting of the Canadian Biomaterials Society, Ottawa, ON, Canada, 2013.*
 148. Khanna, V., DiPrimio, G., Rakhra, K., Caragianis, A., **Beaulé P.E.** Can the alpha angle predict the incidence of hip pain in 200 asymptomatic volunteers? *2013 Annual Meeting of the American Academy of Orthopedic Surgeons, Chicago, IL, USA, 2013.*
 149. **Beaulé P.E.**, Whittingham-Jones. Labral anatomy & function and defining what represents abnormal bony anatomy. *2013 Annual Meeting of the American Academy of Orthopedic Surgeons, Chicago, IL, USA, 2013.*

150. Cron G.O., Kawan R., **Beaulé P.E.**, Catelas I., Cardenas-Blanco A., Cameron, I.G., Schweitzer, M.E. Quantitative DCE-MRI in patients with hip implants. *ISMRM 21st Annual Meeting and Exhibition*, Salt Lake City, UT, USA, 2013.
151. Catelas I., Cron G.O., Figeys D., Pahuta M.A., Rakhra K., Schweitzer M.E., **Beaulé P.E.** An Evidence-Based Approach for the Evaluation of the Painful Metal-on-Metal Total Hip Replacement. *Scientific Exhibit at the 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS)*, Chicago, IL, USA, 2013.
152. Lehoux E.A., Ning Z., **Beaulé P.E.**, Figeys D., Baskey S.J., Catelas I., Comparative Proteomic Analysis of Synovial Fluid from Patients with Failed Metal-on-Metal and Metal-on-Polyethylene Hip Implants. *59th Annual Meeting, Orthopaedic Research Society*, San Antonio, TX, USA, 2013.
153. Cron G.O., Rakhra K.S., **Beaulé P.E.**, Catelas I., Cardenas-Blanco A., Cameron I., Schweitzer M.E., MRI perfusion measurements in patients with total hip replacements. *98th Scientific Assembly and Annual Meeting of the Radiological Society of North America*, Chicago, IL, USA, 2012
154. **Beaulé PE**, Illical E. L'expérience d'un centre académique avec plus de 500 cas d'une tige fémorale avec col modulaire pour prothèse de hanche. *Société Française de Chirurgie Orthopédique et Traumatologie*. Paris, France, 2012.
155. **Beaulé PE**, Kim PR, Kemp K. A single-centre preliminary experience of the anterior approach for total hip arthroplasty. *Société Française de Chirurgie Orthopédique et Traumatologie*. Paris, France, 2012.
156. **Beaulé PE**, Chatrath V, Feibel R, Thurston P, Catelas I, Kim PR. Early high failure rate of large head metal-on-metal total hip replacement using a mono block acetabular component. *Société Française de Chirurgie Orthopédique et Traumatologie*. Paris, France, 2012.
157. Speirs AD, Frei H, Rakhra K, **Beaulé PE**. Femoral and acetabular orientation in hip impingement. *Société Française de Chirurgie Orthopédique et Traumatologie*. Paris, France, 2012.
158. **Beaulé PE**, Cardenas-Blanco A, Rakhra K, Schweitzer EM. Non-contrast quantitative MR imaging (T1Rho) of the hip in asymptomatic and symptomatic CAM FAI. *Société Française de Chirurgie Orthopédique et Traumatologie*. Paris, France, 2012.
159. **Beaulé PE**, Kim PR, Kemp KA. A single-centre preliminary experience of the anterior approach for total hip arthroplasty. *67th Annual Meeting, Canadian Orthopaedic Association*, Ottawa, ON, 2012.
160. **Beaulé PE**. Does CAM impingement predict acetabular cartilage damage? *67th Annual Meeting, Canadian Orthopaedic Association*, Ottawa, ON, 2012.
161. **Beaulé PE**, Meulenkamp B, Gravel D, Cardenas-Blanco A. Acetabular cartilage delamination flap viability in CAM-type femoroacetabular impingement (FAI). *67th Annual Meeting, Canadian Orthopaedic Association*, Ottawa, ON, 2012.
162. **Beaulé PE**, Zylberberg A, Nishiwaki T, Kim PR. Clinical results of a hybrid metal-on-metal resurfacing prosthesis: An independent series. *67th Annual Meeting, Canadian Orthopaedic Association*, Ottawa, ON, 2012.
163. **Beaulé PE**, Kim PR, Dinh L. Bone mineral density study of the femoral neck after MOM hip resurfacing: A randomized clinical trial of cemented vs. cementless femoral component fixation. *67th Annual Meeting, Canadian Orthopaedic Association*, Ottawa, ON, 2012.
164. **Beaulé PE**, Meulenkamp B, Rakhra KS, Schweitzer M, Cardenas-Blanco. Quantifying coxa profunda on axial imaging. *67th Annual Meeting, Canadian Orthopaedic Association*, Ottawa, ON, 2012.

165. **Beaulé PE**, Chatrath V, Feibel R, Thurston P, Catelas I, Kim PR. Early high failure rate of large head metal-on-metal total hip replacement using a monoblock acetabular component. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
166. **Beaulé PE**, Parker G, Kemp KA. Outcomes of joint preservation surgery: comparison of patients with dynamic dysplasia of the hip (DDH) and femoroacetabular impingement (FAI). 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
167. Illical E, Belanger H, Kemp KA, **Beaulé PE**. Groin pain after metal-on-metal hip resurfacing: mid-term follow-up of a prospective cohort of patients. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
168. Nishiwaki T, Desloges W, Kim PR, Kemp KA, **Beaulé PE**. Revision of hip resurfacing arthroplasty is comparable to primary total hip arthroplasty. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
169. BinKhamis S, Schweitzer M, **Beaulé PE**, Nairn R, Rakhra KS. The accuracy of indirect MR arthrography of the hip in detecting acetabular labral tears. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
170. Rakhra KS, Sacevich N, Cardenas-Blanco A, Schweitzer ME, **Beaulé PE**. Evaluation of non-contrast 3T MRI in the diagnosis of hip labral tears. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
171. Cardenas-Blanco A, Rakhra KS, Schweitzer ME, **Beaulé PE**. Non-contrast quantitative MR imaging (T1rho) of the hip in asymptomatic and symptomatic CAM FAI. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
172. Lee JKL, Soudi N, White C, Lopez-Castellaro J, Kim PR, **Beaulé PE**. Migration analysis of a monoblock resurfacing acetabular component for hip resurfacing: The fate of the unseated cup. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
173. Brisson N, Lamontagne M, Kennedy MJ, **Beaulé PE**. Lower-extremity gait mechanics of FAI patients do not return to normal following corrective surgery. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
174. Lamontagne M, Dwyer K, Varin D, **Beaulé PE**. Effect of CT-Scan Subject-Specific Hip Joint Centre on Kinematic Data. 67th Annual Meeting, Canadian Orthopaedic Association, Ottawa, ON, 2012.
175. Hurda I, **Beaulé PE**, Baskey SJ, Lehoux EA, Catelas I, Comparison of peripheral blood lymphocyte phenotypes in patients with failed metal-on-metal and metal-on-polyethylene hip implants. 9th World Biomaterials Congress, Chengdu, China, 2012.
176. **Beaulé PE**, Catelas I, Kim P. A prospective case series examining the use of a big femoral head (BFH) total hip system. Symposium on Metal-on-Metal Total Hip Replacement Devices, ASTM International, Phoenix, AZ, USA, 2012.
177. Hurda I, **Beaulé PE**, Catelas I. Immunophenotypic changes in peripheral blood lymphocytes from patients with failed hip implants. 58th Annual Meeting, Orthopaedic Research Society, San Francisco, CA, USA, 2012.
178. **Beaulé PE**, Kim P, Dinh L. A randomized controlled trial of a cemented vs. cementless femoral component for metal-on-metal hip resurfacing: a bone mineral density study. 58th Annual Meeting, Orthopaedic Research Society, San Francisco, CA, USA, 2012.
179. **Beaulé PE**, Gauthier L, Kim P, Feibel R, Thurston P, Dinh L. A randomized controlled trial comparing bone mass density after total hip arthroplasty with a monoblock metal-on-metal acetabular component vs. a modular titanium metal-on-polyethylene bearing. 58th Annual Meeting, Orthopaedic Research Society, San Francisco, CA, USA, 2012.

180. **Beulé PE**, Gauthier L, Kim P, Feibel R, Thurston P, Dinh L. A randomized trial comparing metal ions after total hip arthroplasty with a large head metal-on-metal vs. metal-on-polyethylene bearing. 58th Annual Meeting, Orthopaedic Research Society, San Francisco, CA, USA, 2012.
181. **Beulé PE**, Carsen S, Willis B, Ward L, Dunlap H, Rakhra KS, Moroz P. A radiographic assessment of cam-type femoroacetabular impingement morphology in the developing hip. 58th Annual Meeting, Orthopaedic Research Society, San Francisco, CA, USA, 2012.
182. Lee JKL, White C, Soudi N, Lopez-Castellaro J, Kim PR, **Beulé PE**. Migration analysis of a monoblock resurfacing acetabular component for hip resurfacing: the fate of the unseated cup. 58th Annual Meeting, Orthopaedic Research Society, San Francisco, CA, USA, 2012.
183. **Beulé PE**, Lamontagne M, Rakhra K, Frei H, Speirs A, Cardenas-Blanco A, Schweitzer M. A multidisciplinary approach to the understanding of femoroacetabular impingement. Annual Meeting, American Academy of Orthopaedic Surgeons, San Francisco, CA, USA, 2012.
184. **Beulé PE**, March G. Early clinical outcome of hip arthroscopy in patients 45 years and older. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
185. **Beulé PE**, Lamontagne ML, Varin D. A comparison of pre- and post-operative bilateral lower-limb joint and pelvic kinematics during maximal squatting of CAM femoroacetabular impingement patients. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
186. **Beulé PE**, Lee JK, Holder N, Papp S, Gofton W. Outcomes following surgical treatment of peri-prosthetic fractures. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
187. **Beulé PE**, Banga K. Early experience of anterior approach for hip resurfacing. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
188. **Beulé PE**, March G, Elfatori S. Single bolus of tranexamic acid (TXA) decreases transfusion risk after primary total hip. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
189. **Beulé PE**, Dinh L, Gauthier L, Kim P, Thurston P, Feibel R, Giachino A. Bone Mineral Density and Serum Metal Ion Levels following Total Hip Arthroplasty with a Metal-on-Metal Bearing or a Metal-on-Polyethylene Bearing: A Randomized Clinical Trial. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
190. **Beulé PE**, Canadian Resurfacing Working Group. A Survey of the Canadian Resurfacing Working Group Experience: Rates of Conversion from RSA to THR. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
191. **Beulé PE**, Speirs AD, Sylvester S, Nishiwaki T, Hamdi A. A Structural Analysis of Proximally Coated Tapered Cementless Femoral Stems. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
192. **Beulé PE**, Carsen S, Rakhra K, Moroz P, Ward L, Dunlap H. Radiographic and Biologic Assessment of CAM-type Femoroacetabular Impingement Morphology of Developing Hips in Asymptomatic Children and Adolescents: A Pilot Study. Canadian Orthopaedic Association Annual Meeting, St. John's NL, July 2011.
193. Hurda I, **Beulé PE**, Catelas I. Immunophenotypic analysis of peripheral blood lymphocytes in patients with failed metal-on-metal and metal-on-polyethylene hip implants. 29th Annual Conference of the Canadian Biomaterials Society, Vancouver, BC, Canada, 2011.

194. **Beaulé PE**, White C, Carsen S, Rasuli K, Doucette S. The migration pattern of a cementless, tapered, plasma sprayed femoral stem using EBRA-FCA. 12th EFORT Congress, Copenhagen, Denmark, 2011.
195. **Beaulé PE**, White C, Lopez-Castellaro J, Kim P. Acetabular component migration analysis of hip resurfacing using Ein Bild Roentegen Analyse (EBRA). 12th EFORT Congress, Copenhagen, Denmark, 2011.
196. **Beaulé PE**. Case discussions: Assessment and treatment of alpha angle. 12th EFORT Congress, Copenhagen, Denmark, 2011.
197. **Beaulé PE**, March G, Elfatori S. Single bolus of tranexamic acid (TXA) decreases transfusion risk after primary total hip. 12th EFORT Congress, Copenhagen, Denmark, 2011.
198. **Beaulé PE**, Smith F, Powell J, Antoniou J, Bourne R, Lavigne M, Belzile E, Schemitsch E, Garbuz D. A survey on the incidence of pseudotumours with MOM hip resurfacings in Canadian academic centres. 12th EFORT Congress, Copenhagen, Denmark, 2011.
199. Lamontagne M, Beaulieu M, Varin D, **Beaulé PE**. Does total hip arthroplasty affect joint mechanics of both lower-limbs during stair locomotion? 12th EFORT Congress, Copenhagen, Denmark, 2011.
200. Lamontagne M, Beaulieu M, Varin D, **Beaulé PE**. Biomechanical adaptations in total hip arthroplasty patients during sitting and standing tasks. 12th EFORT Congress, Copenhagen, Denmark, 2011.
201. Lamontagne M, Beaulieu M, Varin D, **Beaulé PE**. The effect of THA on joint mechanics of non-operated limb during gait. 12th EFORT Congress, Copenhagen, Denmark, 2011.
202. Cardenas-Blanco A, Rakhra, K, Schweitzer M, **Beaulé PE**. MR biomarker assessment of the CAM lesion associated with femoro acetabular impingement at 11.7 T. 12th EFORT Congress, Copenhagen, Denmark, 2011.
203. Rakhra K, **Beaulé PE**, Cameron I, Cardenas-Blanco A, Lattanzio P-J. T1-rho magnetic resonance imaging of hip articular cartilage in FAI. 12th EFORT Congress, Copenhagen, Denmark, 2011.
204. Powell JN, **Beaulé PE**, Schemitsch EH, Vendittoli P-A, Bourne RB, Antoniou J, Werle J, Belzile E, Smith FC. A survey of Canadian resurfacing Working Group Experience: Rates of conversion from RSA to THR. American Academy of Orthopedic Surgeons, San Diego CA, February 2011.
205. March G, Elfatori S, **Beaulé PE**. Single Bolus of Tranexamic Acid (TXA) Decreases Transfusion Risk After Primary Total Hip. American Academy of Orthopedic Surgeons, San Diego CA, February 2011.
206. **Beaulé PE**, Nishiwaki T, Kemp K. Revision of Resurfacing Arthroplasty: As Good as a Primary? Hip Society Annual Specialty Day, San Diego CA, February 2011.
207. Lamontagne M, **Beaulé PE**, Varin D. The Effect of Total Hip Arthroplasty (THA). American Academy of Orthopedic Surgeons, San Diego CA, February 2011.
208. Speirs AS, Nishiwaki T, Hamdi A, **Beaulé PE** A Structural Analysis of Proximally Coated Tapered Femoral Stem. 57th Annual Meeting, Orthopaedic Research Society, Long Beach, CA, 2011.
209. VanOs R, **Beaulé PE**, Catelas I. Comparative cytotoxicity of nanometer-size chromium oxide and alumina particles on macrophages in vitro. 57th Annual Meeting, Orthopaedic Research Society, Long Beach, CA, 2011.
210. Baskey S, **Beaulé PE**, Catelas I. Modulation of TNF-a and chemokine release by macrophages exposed to chromium ions using Simvastatin. 57th Annual Meeting, Orthopaedic Research Society, Long Beach, CA, 2011.

211. Baskey S, Lee SY, **Beaulé PE**, Catelas I. Chemokine release by macrophages exposed to cobalt and chromium ions in vitro. 57th Annual Meeting, Orthopaedic Research Society, Long Beach, CA, 2011.
212. Hack K, Di Primio G, Rakhra K, **Beaulé PE**. La prévalence de conflit fémoro-acétabulaire de type CAM. Morphologie d'une population asymptomatique. 85th SOFCOT Congress, Paris, France, 2010.
213. **Beaulé PE**, Smith F, Powell J, Antoniou J, Bourne R, Lavigne M, Belzile E, Schemitsch EH, Garbuz D. Incidence de pseudotumeurs associées aux resurfaçages de la hanche métal/métal dans les centres académiques canadiens. 85th SOFCOT Congress, Paris, France, 2010.
214. **Beaulé PE**, Poitras S, Dervin G. Validity of the Quality of Recovery-40 questionnaire (QoR-40) in patients undergoing total knee or hip arthroplasty. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
215. Varin D, Lamontagne M, Beaulieu ML, **Beaulé PE**. The Effect of THA Surgical Approaches on Lower-Limb Joint Mechanics during Stair Ascent. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
216. Speirs AD, Benoit DL, Beaulieu ML, Lamontagne M, **Beaulé PE**. The Influence of Hip Motion on the Functional Centre of Rotation. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
217. White CA, Carsen S, Rasuli K, Doucette S, **Beaulé PE**. The Migration Pattern of a Cementless, Tapered, Plasma Sprayed Femoral Stem Using EBRA-FCA. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
218. **Beaulé PE**, Frank Smith, Jim Powell, John Antoniou, Robert Bourne, Martin Lavigne, Etienne Belzile, Emil H Schemitsch, Donald Garbuz. A Survey on the Incidence of Pseudotumours with MOM Hip Resurfacings in Canadian Academic Centres. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
219. Lopez Castellaro, J, **Beaulé PE**, Kim P. Acetabular Component Migration Analysis of a Metal on Metal Hip Resurfacing. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
220. **Beaulé PE**; Goulding K. Lateral Femoral Cutaneous Nerve (LFCN) Neuropraxia after Anterior Approach Total Hip Arthroplasty. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
221. **Beaulé PE**; Banga K. Early Experience of Anterior Approach with Assisted Hip Arthroscopy for Femoroacetabular Impingement. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
222. **Beaulé PE**; Almousa S. Effect of Salter Pelvic Osteotomy on Acetabular Version. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
223. K.C. Geoffrey Ng, Gholamreza Rouhi, Mario Lamontagne, **Beaulé PE**. Mechanical Stimuli Distributions in the Hip Joint Due to Cam Impingement and its Relation with the Progression of Osteoarthritis. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
224. **Beaulé PE**; Barton C, Banga K. Early Experience of Anterior Approach with Assisted Hip Arthroscopy for Femoroacetabular Impingement. American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, 2010.
225. **Beaulé PE**; Goulding K, Kim PR. Lateral Femoral Cutaneous Nerve Neuropraxia Injury After Anterior Approach Hip Replacement Surgery. American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, 2010.

226. **Beaulé PE**, Barton C, Salineros M, Doucette S, Rakhra K. Validity of Alpha Angle Measurement on Plain Films for Diagnosis of CAM Femoroacetabular Impingement. American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, 2010.
227. **Beaulé PE**, Frank Smith, Jim Powell, John Antoniou, Robert Bourne, Martin Lavigne, Etienne Belzile, Emil H Schemitsch, Donald Garbuz. A Survey on the Incidence of Pseudotumours with MOM Hip Resurfacings in Canadian Academic Centres. American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, 2010.
228. **Beaulé PE**, White CA, Carsen, S, Rasuli, K, Doucette, S. Étude de migration d'une tige fémorale sans ciment avec hydroxyapatite par EBRA-FCA. 85th SOFCOT Congress, Paris, France, 2010.
229. **Beaulé PE**, Banga K. Résultats à court terme de l'approche antérieure avec arthroscopie assistée pour le conflit fémoroacétabulaire. 85th SOFCOT Congress, Paris, France, 2010.
230. Lopez-Castellaro J, **Beaulé PE**, Kim P. Analyse de la migration acétabulaire du resurfaçage de la hanche métal/métal. 85th SOFCOT Congress, Paris, France, 2010.
231. Speirs AD, Nganbe M, Louati H, Khan U, **Beaulé PE**. Analyse de cols prothétiques modulaires récupérés après une arthroplastie totale de la hanche. 85th SOFCOT Congress, Paris, France, 2010.
232. **Beaulé PE**, Goulding K, Kim P. Neuropraxie du nerf fémorocutané après arthroplastie de la hanche par voie antérieure d'Hueter. 85th SOFCOT Congress, Paris, France, 2010.
233. VanOs R, Catelas I, **Beaulé PE**. Cytotoxicity of nanometer-size chromium oxide and alumina particles on macrophages in vitro. Annual Meeting of the Canadian Biomaterials Society, Kingston, ON, 2010.
234. VanOs R, **Beaulé PE**, Catelas I. Macrophage response to nanometer-size chromium oxide particles. Annual Meeting and Exposition of the Society for Biomaterials, Seattle, WA, 2010.
235. Speirs AD, Barton C, Gofton W, **Beaulé PE**. Role of navigation in less invasive osteochondroplasty for hip impingement. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
236. Lamontagne, M; Beaulieu, M L; **Beaulé PE**. The Effect of THA on Joint Mechanics of Non-Operated Limb during Gait. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
237. Lamontagne M, Beaulieu ML, **Beaulé PE**. Does Total Hip Arthroplasty Affect Joint Mechanics of both Lower-Limbs during Stair Locomotion? Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
238. Speirs AD, Nganbe M, Louati H, Khan U, **Beaulé PE**. In Vitro and Retrieval Analysis of Modular Necks in Total Hip Arthroplasty. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
239. **Beaulé PE**, Sierra RJ, Trousdale RT, Clohisy JC, Schoenecker PL, Kim YJ, Millis MB, Podeszwa DA, Sucato DJ. Multi-Centre Study for Incidence of DVT and Pulmonary Embolism after Peri-acetabular Osteotomy. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
240. Lamontagne M, Beaulieu ML, **Beaulé PE**. Biomechanical Adaptations in Total Hip Arthroplasty Patients during Sitting and Standing Tasks. Canadian Orthopaedic Association, Edmonton, Alberta, 2010.
241. **Beaulé PE**, White CA, Carsen, S, Rasuli, K, Doucette, S. The Migration Pattern of a Cementless, Tapered, Plasma Sprayed Femoral Stem using EBRA-FCA. Orthopaedic Research Society, New Orleans, Louisiana, 2010.

242. **Beaulé PE**, Barton C, Salineros M, Doucette S, Rakhra K. Validity of the Alpha Angle Measurement on Plain Radiographs for the Diagnosis of CAM FAI. Orthopaedic Research Society, New Orleans, Louisiana, 2010.
243. Lamontagne M, Beaulieu ML, **Beaulé PE**. The Effect of THA Surgical Approaches on Lower-Limb Joint Mechanics during Stair Ascent. Orthopaedic Research Society, New Orleans, Louisiana, 2010.
244. Lamontagne M, Beaulieu ML, **Beaulé PE** Gait Adaptations in Joints of Both Lower Limbs Exist Following Unilateral Total Hip Arthroplasty. Orthopaedic Research Society, New Orleans, Louisiana, 2010.
245. Speirs AD, Nganbe M, Louati H, Khan U, **Beaulé PE**. In vitro and retrieval analysis of modular necks in total hip arthroplasty. Orthopaedic Research Society, New Orleans, Louisiana, 2010.
246. Speirs AD, Benoit DL, Beaulieu ML, Lamontagne M, **Beaulé PE**. The Influence of Hip Motion on the Functional Centre of Rotation. Orthopaedic Research Society, New Orleans, Louisiana, 2010.
247. Speirs AD, Barton C, Gofton W, **Beaulé PE**. Role of navigation in less invasive osteochondroplasty for hip impingement. Orthopaedic Research Society, New Orleans, Louisiana, 2010.

GUEST SPEAKER AT INVITED LECTURES, SEMINARS: (37 in the last 5 years; career: 146)

1. The European Orthopaedic Research Society (EORS) Annual Meeting, Galway, Ireland, September 25-28 2018.
2. McMaster Young Adult Hip Preservation Course, May 26 2018, Niagara On The Lake ON.
3. Combined Visiting Professor University of British Columbia, Department of Orthopaedic Surgery and British Columbia Orthopaedic Society, May 3-6, 2018, Vancouver BC.
4. Duke University-Emily Berend 10th Annual Reconstruction Symposium, Durham, North Carolina, USA April 2018.
5. Orthopaedic Research Society, Kappa Delta Elizabeth Winston Presentation, New Orleans, LA, March 2018.
6. American Academy Orthopaedic Association, Open Meeting of the Hip Society, New Orleans, LA, March 2018.
7. Bern University Hospital, Hip Symposium, Bern Switzerland, February, 2018
8. AO Foundation-Masters Course in Hip Preservation Surgery, Davos Switzerland, December 2017.
9. Société Française de Chirurgie Orthopédique, Chirurgie Conservatrice de la Hanche, Co-Chairman, Paris, France, Novembre 2017.
10. International Society of Hip Arthroscopy, Future of Hip Preservation Surgery, Santiago, Chile, October 2017.
11. Shanghai Jiao Tong International Hip Symposium, Shanghai, China, September 2017.
12. Journée Lyonnaise de la Hanche, CHU de Lyon, Lyon, France April 2017.
13. South African Arthroplasty Society Annual Meeting, Cape Town, South Africa March 2017
14. Visiting Professor for the San Diego Hip Preservation evening symposium, Scripps Hospital, San Diego California, March 2017.
15. AO North America, Hip Preservation Meeting, Marco Island, Florida, USA, January 2017.
16. Indian Orthopaedic Association Annual Meeting, Kochi, India, December 2016.
17. American Association of the Hip and Knee Surgeons, Annual Meeting, Dallas, November 2016.

18. International Congress Joint Reconstruction-Transatlantic Orthopaedic Congress, New York, October 2016
19. Direct Anterior Total Hip Arthroplasty Course, University of Calgary, September 2016.
20. Actual and Classic Meeting of Hip and Knee Reconstruction, Hospital Universitario Austral, Buenos Aires, Argentina, July 2016.
21. 7th Advanced Course on Hip Resurfacing, Gent, Belgium. June 2016.
22. 2ieme Journée Louis-Joseph Papineau du Service d'Orthopédie du CHUM - le vieillissement articulaire est-il inévitable? Montreal, Juin 2016.
23. St-Louis Hip Skills Course 2016: Hip Arthroscopy and Preservation Procedures, University of St-Louis, St-Louis, Missouri, January 2016.
24. Bernese Hip Symposium, University of Berne, Berne, Switzerland, February 2016.
25. American Association of the Hip and Knee Surgeons, Annual Meeting, Dallas, November 2015.
26. International Congress Joint Reconstruction-Transatlantic Orthopaedic Congress, New York, 2015.
27. International Society for Hip Arthroscopy, Cambridge England, September 2015.
28. Japanese Orthopaedic Association Annual Meeting, Kobe, Japan, June 2015.
29. Current Concepts in Joint Replacement, Current Concept Institute, Las Vegas, May 2015.
30. Minas Gervais Orthopedic Meeting, Tiradentes, Brazil, November 2014.
31. University of Calgary Annual Fellows Visiting Professor, Calgary, Alberta, 2014.
32. Bernese Hip Symposium, Bern, Switzerland 2014.
33. Saint Louis University Hip Skills Course, St-Louis, February 2014.
34. Harvard Hip Course, 2013, Harvard Medical School, Boston, Massachusetts, October 2013.
35. AO North America, Hip Preserving Symposium, Jackson Hole, Wyoming January 2013
36. Hugh Phillips Memorial Lecture, 40th Annual Percivall Pott Scientific, Royal London Hospital London UK. October 2012.
37. American Association of Hip and Knee Surgeons, Dallas, November 2012.
38. Chilean Orthopedic Society Annual Meeting, Vina del Mar, Chile November 2012

SIGNATURE:

A handwritten signature in black ink, consisting of stylized, overlapping loops and lines, positioned to the right of the 'SIGNATURE:' label.

DATE: February 27, 2019