

George Grammatopoulos

BSc (Hons), MBBS (Hons), DPhil (Oxon), MRCS (Eng), FRCS (Tr & Orth)

PERSONAL DETAILS

Name George Grammatopoulos
Address 501 Smyth Road, CCW 1638
Ottawa, ON K1H 8L6
Telephone No 613-737-8899 ext. 73265

EDUCATION

2010–2012 **Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Oxford, UK** DPhil in Musculoskeletal Sciences

1997–2003 **Guy's, King's & St. Thomas' School of Medicine, London, UK**
BSc, MBBS

1995–1997 **Dulwich College, London, UK** Physics A, Chemistry A, Biology A

QUALIFICATIONS

2014 FRCS (Tr & Orth), Royal College of Surgeons, UK

2012 DPhil in Musculoskeletal Sciences, Oxford

2006 MRCS, Royal College of Surgeons, UK

2005 MRCP part I, Royal College of Physicians, UK

2003 MBBS (Hons), University of London, UK

2000 BSc Molecular Medicine, University of London, UK
(Developmental Neurobiology) 1st class Honours

CURRENT EMPLOYMENT

02/19 – **Staff Orthopaedic Surgeon**
The Ottawa Hospital

02/19 – **Associate Professor**
University of Ottawa

ACADEMIC PRIZES & AWARDS

2022	Best Poster Award, EFFORT, Lisbon
2020	Best Presentation Award, ISTA:
2020	Poster Award (2 nd) Arthroplasty Congress 2020, Berlin Germany
2019	Poster Award (1 st) “Best Clinical Paper”, Arthroplasty Congress 2020, Berlin Germany
2018	European Hip Society Travelling Fellowship
2018	McKee Prize, British Hip Society, UK
2018	Frank Stitchfield Award, AAOS
2018	Best Scientific Exhibit, AAOS
2018	Kappa Delta Award, ORS, AAOS
2017	Jacques Dupart Award, EFORT, Vienna
2016	British Hip Society European Travelling Fellowship
2015	Young Investigator Award, BOOS, Oxford, UK
2015	Mark Paterson Travelling Fellowship, (EFORT, BJJ)

GRANTS

1. Canadian Blood Services, 2022 - Can pre-operative anemia be timely identified and optimized in patients awaiting primary arthroplasty surgery? A Randomized Clinical Trial (Awarded)
2. PSI, 2021 - Characterizing the Spino-pelvic Movements that Occur in Young Adult Hip Pathology (Awarded)
3. Stryker Research Grant, 2021 - Comparison of DAA vs. Lateral Hemiarthroplasty for Femoral Neck Fracture Repair: A short-term outcomes study (Awarded)
4. FormusLabs, Research Grant, 2021 - Hip ACUMEN - Accuracy in achieving optimum reconstruction: Measured- vs. Navigation- techniques in Hip arthroplasty (Awarded)
5. CORL, 2021 - Intra-Articular Adipose Tissue: a biomarker and therapeutic target for arthritis hip joints (Awarded)
6. Kappa Delta, 2020 - Coronal and Sagittal Considerations for Identifying the Patient-Specific Optimum Cup Orientation (Awarded)

7. TOHAMO CQI, 2020 – The SLIM study (Awarded)
8. Wolves’ Den, 2020 - Intra-Articular Adipose Tissue: a biomarker and therapeutic target for arthritis hip joints (Awarded)
9. CIHR Catalyst Grant, 2019 - A prospective study to define optimum cup orientation in hip arthroplasty accounting for the individual’s anatomy and movement patterns (Awarded)

PUBLICATIONS - PAPERS (in last 5 years: 82/135)

1. Verhaegen, J. C., Wei, R., Kim, P., Beaulé, P. E., Corten, K., & Grammatopoulos, G. (2022). **The safety and efficacy of the anterior approach total hip arthroplasty as per body mass index.** *The Journal of Arthroplasty*.
2. Laboudie, P., Fischman, D., Speirs, A. D., Salih, S., Holc, F., Beaulé, P. E., ... & Grammatopoulos, G. (2022). **Comparison of Acetabular Measurements Between 2 Validated Software Programs Used in Hip Preservation Surgery.** *The American Journal of Sports Medicine*, 50(10), 2637-2646.
3. Laboudie, P., Dymond, T., Kreviazuk, C., Grammatopoulos, G., & Beaulé, P. E. (2022). **Hip arthroscopy after periacetabular osteotomy for acetabular dysplasia—incidence and clinical outcome.** *BMC Musculoskeletal Disorders*, 23(1), 1-8.
4. Verhaegen, J. C., Innmann, M., Batista, N. A., Dion, C. A., Horton, I., Pierrepont, J., ... & Grammatopoulos, G. (2022). **Defining “Normal” Static and Dynamic Spinopelvic Characteristics: A Cross-Sectional Study.** *JBJS Open Access*, 7(3).
5. Swift B, Stewart A, Grammatopoulos G, Papp S, Wilkin G, Liew A. **Comparing the rates and modes of failure of two third generation cephalomedullary nail systems in the treatment of intertrochanteric hip fractures.** *INJURY*. 2022Jun06; <https://doi.org/10.1016/j.injury.2022.06.005> Epub ahead of print.
6. Meermans G, Grammatopoulos G, Innmann I, Beverland D. **Cup placement in primary total hip arthroplasty: how to get it right without navigation robotics.** *EFORT open review*. 2022May31;7(6):365-374. DOI: <https://doi.org/10.1530/EOR-22-0025>
7. Dhiman P, Gibbs V, Collins G, Van Calster B, Bakhishli G, Grammatopoulos G, Price A, Taylor A, Murphy M, Kendrick B, Palmer A. **Utility of pre-operative haemoglobin concentration to guide peri-operative blood tests for hip and knee arthroplasty: A decision curve analysis.** *Transfusion Medicine*. 2022May11; 10.1111/tme.12873. Epub ahead of print
8. Sharma A, Grammatopoulos G, Pierrepont J, Madurawe C, Innmann M, Vigdorichik J, Shimmin A. **Sacral Slope Change From Standing to Relaxed-Seated Grossly Overpredicts the Presence of a Stiff Spine.** *The Journal of Arthroplasty*. 2022May16; 10.1016/j.arth.2022.05.020. epub ahead of print

9. Innmann MM, Verhaegen JCF, Reichel F, Schaper B, Merle C, Grammatopoulos G. **Spinopelvic Characteristics Normalize 1 Year After Total Hip Arthroplasty: A Prospective, Longitudinal, Case-Controlled Study.** *J Bone Joint Surg Am.* 2022 Apr 20;104(8):675-683. doi: 10.2106/JBJS.21.01127. Epub 2022 Feb 23. PMID: 35196302.
10. Adamczyk A, Laboudie P, Nettek H, Kim PR, Gofton WT, Feibel R, Grammatopoulos G. **Accuracy of digital templating in uncemented primary total hip arthroplasty: which factors are associated with accuracy of preoperative planning?** *Hip Int.* 2022 Apr 19:11207000221082026. doi: 10.1177/11207000221082026. Epub ahead of print.
11. Dion CA, Schmidt-Braekling T, Falsetto A, Kreviazuk C, Beaulé PE, Grammatopoulos G. **Does Surgical Approach Influence the Natural History of the Unstable Total Hip Arthroplasty?** *J Arthroplasty.* 2022 Apr;37(4):787-794. doi: 10.1016/j.arth.2021.12.012. Epub 2021 Dec 17. PMID: 34923093.
12. Innmann MM, McGoldrick NP, Ratra A, Merle C, Grammatopoulos G. **The accuracy in determining pelvic tilt from anteroposterior pelvic radiographs in patients awaiting hip arthroplasty.** *J Orthop Res.* 2022Apr;40(4):854-861. doi: 10.1002/jor.25115. Epub ahead of print.
13. McGoldrick NP, Cochran M, Biniam B, Bhullar R, Beaulé PE, Kim P, Gofton W, Grammatopoulos G. **Can we predict fracture when using a short cementless femoral stem in the anterior approach.** *J Arthroplasty.* 2022 Mar 18:S0883-5403(22)00338-2. doi: 10.1016/j.arth.2022.03.054. Epub ahead of print. PMID: 35314289.
14. Grammatopoulos G, Falsetto A, Sanders E, Weishorn J, Gill HS, Beaulé PE, Innmann MM, Merle C. **Integrating the Combined Sagittal Index Reduces the Risk of Dislocation Following Total Hip Replacement.** *J Bone Joint Surg Am.* 2022 Mar 2;104(5):397-411. doi: 10.2106/JBJS.21.00432.
15. Sanders E, Finless A, Adamczyk A, Dobransky J, Wilkin G, Gofton WT, Beaulé PE, Liew A, Papp S, Grammatopoulos G. **Outcome After Open Reduction Internal Fixation of Acetabular Fractures in the Elderly.** *J Orthop Trauma.* 2022 Mar 1;36(3):130-136. doi: 10.1097/BOT.0000000000002224.
16. A Falsetto, J Dobransky, C Kreviazuk, S Papp, PE Beaulé, G Grammatopoulos. **Instability after hip hemiarthroplasty for femoral neck fracture: an unresolved problem.** *Canadian Journal of Surgery.* 17Feb2022: 65(1)E128-E134. DOI: <https://doi.org/10.1503/cjs.021220>
17. Adamczyk AP, Kim PR, Horton I, Gofton W, Beaulé PE, Grammatopoulos G. **The SLIM Study: Economic, Energy, and Waste Savings Through Lowering of Instrumentation Mass in Total Hip Arthroplasty.** *J Arthroplasty.* 2022 Feb 15:S0883-5403(22)00121-8. doi: 10.1016/j.arth.2022.02.010. Epub ahead of print.
18. G Grammatopoulos, D McIsaac, PE. Beaulé, C van Walraven. **Shape of the association between preoperative hemoglobin level and postoperative outcomes in patients**

undergoing primary arthroplasty. *CAN J SURG.* January 18, 2022; 65 (1) E25-E37;
DOI:
<https://doi.org/10.1503/cjs.020720>

19. S Salih, G Grammatopoulos, S Burns, M Hall-Craggs, J Witt. **Do acetabular parameters measured on 2D imaging correlate with CT, and can lateral centre-edge angle predict femoral head coverage?** *Bone and Joint Open.* Jan 2022. 3(1):12-19 doi:
<https://doi.org/10.1302/2633-1462.31.BJO-2021-0130.R1>
20. Fischman, D., Mahatma, M. M., Slullitel, P., Farzi, M., Grammatopoulos, G., Poitras, S., ... & Beaulé, P. E. **Does a Monoblock Acetabular Component With a Ceramic Liner Cause More Pelvic Bone Loss Than a Conventional Modular Cementless Acetabular Component?** A 2-Year Randomized Clinical Trial. *The Journal of Arthroplasty*, 1Jan2022; 37(1), 75-82
21. Adamczyk, A., Grammatopoulos, G., & van Walraven, C. (2021). **Minimizing misclassification bias with a model to identify acetabular fractures using health administrative data: A cohort study.** *Medicine*, 100(52), e28223.
22. Laboudie, P., Grammatopoulos, G., Fischman, D., Ozaghi, R., & Beaulé, P. (2021). **Résultats à dix ans du traitement chirurgical du conflit fémoroacétabulaire—l'évolution de la technique chirurgicale influence-t-elle les résultats?.** *Revue de Chirurgie Orthopédique et Traumatologique*, 107(8), S273.
23. Thomas S, Harris N, Dobransky J, Grammatopoulos G, Gartke K, Liew A, Papp S. **Urinary catheter use in patients with hip fracture: Are current guidelines appropriate? A retrospective review.** *Can J Surg.* 2021 Nov 25;64(6):E630-E635. doi: 10.1503/cjs.014620.
24. Catelli, D. S., Cotter, B., Lamontagne, M., & Grammatopoulos, G. **Spine, Pelvis and Hip Kinematics—Characterizing the Axial Plane in Healthy and Osteoarthritic Hips.** *Applied Sciences*, 2021Oct23; 11(21), 9921.
25. Schmidt-Braekling T, Coyle MJ, Dobransky J, et al. **Spinal pathology and outcome postTHA: does segment of arthrodesis matter?** *Archives of Orthopaedic and Trauma Surgery.* 2021 Oct. DOI: 10.1007/s00402-021-04220-4
26. DeVries Z, Speirs AD, Salih S, Beaulé PE, Witt J, Grammatopoulos G. **Acetabular Morphology and Spinopelvic Characteristics: What Predominantly Determines Functional Acetabular Version?** *Orthop J Sports Med.* 2021 Oct 22; 9(10):23259671211030495. doi: 10.1177/23259671211030495.
27. Carsen S, Grammatopoulos G, Zaltz I, Ward L, Smit K, Beaulé PE. **The Effects of Physical Activity on Physeal and Skeletal Development.** *JBJS Rev.* 2021 Oct 12; 9(10). doi: 10.2106/JBJS.RVW.21.00060
28. McGoldrick, N. P., Antoniadou, S., El Meniawy, S., Kreviazuk, C., Beaulé, P. E., & Grammatopoulos, G. (2021). **Supine versus lateral position for total hip replacement:**

- accuracy of biomechanical reconstruction.** *Archives of Orthopaedic and Trauma Surgery*, 1-11.
29. Verhaegen J, Salih S, Thiagarajah S, Grammatopoulos G, Witt JD. **Is a periacetabular osteotomy as efficacious in retroversion as it is in dysplasia? : The role of femoral anteversion on outcome.** *Bone Jt Open.* 2021 Sep;2(9):757-764. doi: 10.1302/26331462.29.BJO-2021-0096.R2.
30. McGoldrick NP, Fischman D, Nicol GM, Kreviazuk C, Grammatopoulos G, Beaulé PE. **Cementing a collarless polished tapered femoral stem through the anterior approach: evaluation of cement mantle quality and component alignment.** *Bone Joint J.* 2021 Jul;103-B(7 Supple B):46-52. doi: 10.1302/0301-620X.103B7.BJJ-2020-2394.R1.
31. Sanders E, Dobransky J, Cheaitani L, Harris N, Liew A, Papp S, Grammatopoulos G. **Preventing hip fractures with multidisciplinary teams: a Canadian perspective.** *Can J Surg.* 2021 May 26;64(3):E310-E316. doi: 10.1503/cjs.014219.
32. Sanders, Ethan & Dobransky, Johanna & Cheaitani, Lara & Harris, Nicole & Liew, Allan & Papp, Steven & Grammatopoulos, George. **Canadian surgeon and resident involvement in international plastic surgery.** *Canadian Journal of Surgery.* 2021 June 1; 64(3). E361E363. DOI: 10.1503/cjs.008720.
33. Roussot MA, Salih S, Grammatopoulos G, Witt JD. **What is the pelvic tilt in acetabular dysplasia and does it change following peri-acetabular osteotomy?** *J Hip Preserv Surg.* 2021 Apr 10;7(4):777-785. doi: 10.1093/jhps/hnab023.
34. **Correlation of patient-reported outcomes after periacetabular osteotomy with femoral head coverage and acetabular orientation: a single-center cohort study.** Ibrahim MM, Smit K, Poitras S, Grammatopoulos G, Beaulé PE. *Am J Sports Med.* 2021 April; 49(5):1209-1219. doi: 10.1177/0363546521992108. Epub 4Mar2021.
35. **Are there different spinopelvic characteristics between patients with primary hip osteoarthritis and asymptomatic controls? – Defining, normal spinopelvic movements and clinical implications for THA.** Innmann M, Merle C, Phan P, Beaulé P, Grammatopoulos G. *J Arthroplasty.* 2021 March 18; S0883-5403(21)00281-3. doi: 10.1016/j.arth.2021.03.031. Online ahead of print.
36. **Medium-/Long-term outcome for the surgical treatment of femoroacetabular impingement: comparison of outcome between surgical dislocation with arthroscopy.** Vogel D.F., Finless A., Grammatopoulos G., Dobransky J., Beaulé P., and Ojaghi R. *Orthopedic Proceedings.* 2021 Mar 9; 103(3):44-44
37. **Assessing outcome following open reduction internal fixation of acetabular fractures in the elderly.** Sanders E, Dobransky J, Finless A, Adamzyk A, Wilkin G, Liew A, Gofton W, Papp S, Beaulé PE, Grammatopoulos G. *Orthopedic Proceedings.* 2021 Mar 8; 103(3):57-57
38. **Pelvic Incidence is a major predictor of hip impingement and dysplasia mobility.** Ng G, Bankes M, Grammatopoulos G, Jeffers J, Cobb J. *Orthopedic Proceedings.* 2021 Mar 1; 103(2):18-18

39. **Dynamic Axial Spinopelvic Rotation Correlates with Sagittal Motion in the Arthritic Hip.** Catelli D, Grammatopoulos G, Cotter B, Mazuchi FAS, Beaulé PE, Lamontagne M. Orthopedic Proceedings. 2021Feb9;103(1):47-47
40. **Outcomes of Total Hip Arthroplasty After Acetabular Open Reduction and Internal Fixation in the Elderly-Acute vs Delayed Total Hip Arthroplasty.** Nicol GM, Sanders EB, Kim PR, Beaulé PE, Gofton WT, Grammatopoulos G. J Arthroplasty. 2021Feb;36(2):605-611. doi: 10.1016/j.arth.2020.08.022. Epub 2020Aug18
41. Grammatopoulos, George & Beaulé, Paul. (2020). **Hip resurfacing for the young arthritic hip.** *Annals of Joint*. 5. 23-23. 10.21037/aoj.2020.04.03.
42. **Pharmacological prevention of fractures in patients undergoing glucocorticoid therapies: a systematic review and network meta-analysis.** Deng J, Silver Z, Huang E, Zheng E, Kavanagh K, Wen A, Cheng W, Dobransky J, Sanger S, Grammatopoulos G. Rheumatology (Oxford). 2021Feb1;60(2):649-657. doi: 10.1093/rheumatology/keaa228. Epub 2020June23
43. **How does spinopelvic mobility and sagittal functional cup orientation affect patient-reported outcome 1 year after THA? A prospective diagnostic cohort study.** Innmann MM, Reichel F, Schaper B, Merle C, Beaulé PE, Grammatopoulos G. J Arthroplasty. 2021Feb10;S0883-5403(21)00140-6. doi: 10.1016/j.arth.2021.02.014. Epub ahead of print
44. **Influence of Femoral Component Design on Proximal Femoral Bone Mass After Total Hip Replacement: A Randomized Controlled Trial.** Slullitel PA, Mahatma MM, Farzi M, Grammatopoulos G, Wilkinson JM, Beaulé PE. J Bone Joint Surg Am. 2021Jan6;103(1):7483. doi: 10.2106/JBJS.20.00351.
45. **Pre-operative anemia in primary arthroplasty patients – prevalence, influence on outcome, and the effect of treatment.** Bailey A, Eisen I, Palmer A, Gagne S, Touchie D, Timmouth A, Perelman I, Fergusson D, Beaulé P, Grammatopoulos G. J Arthroplasty. 2021Jan19;S0883-5403(21)00036-X. doi: 10.1016/j.arth.2021.01.018. Epub ahead of print
46. **Hip preservation surgery and the acetabular fossa.** Slullitel PA, Coutu D, Buttarro MA, Beaulé PE, Grammatopoulos G. Bone Joint Res. 2020Dec;9(12):857-869. doi: 10.1302/2046-3758.912.BJR-2020-0254.R1.
47. **Does use of a quadrilateral surface plate improve outcome in elderly acetabular fractures?** Nicol G, Sanders E, Liew A, Wilkin G, Gofton WT, Papp S, Grammatopoulos G. J Clin Orthop Trauma. 2020Nov-Dec;11(6):1045-1052. doi: 10.1016/j.jcot.2020.10.001. Epub 2020Oct7.
48. **Pathologic spinopelvic balance in patients with hip osteoarthritis: Preoperative screening and therapeutic implications.** Innmann MM, Weishorn J, Beaulé PE, Grammatopoulos G, Merle C. Orthopade. 2020Oct;49(10):860-869. English. doi: 10.1007/s00132-020-03981-x.

49. **Blood Management for Elective Orthopaedic Surgery.** Palmer AJR, Gagné S, Fergusson DA, Murphy MF, Grammatopoulos G. J Bone Joint Surg Am. 2020Sept2;(102)17:1552-1564. Doi: 10.2106/JBJS.19.0141.
50. **Does Functional Cup Orientation Change at Minimum of 10 Years After Primary Total Hip Arthroplasty?** Cotter BD, Innmann MM, Dobransky JS, Merle C, Beaulé PE, Grammatopoulos G. J Arthroplasty. 2020Sep;35(9):2507-2512. doi: 10.1016/j.arth.2020.04.075. Epub 2020Apr28.
51. **Periacetabular osteotomy with or without arthroscopic management in patients with hip dysplasia: study protocol for a multicenter randomized controlled trial.** Wilkin GP, Poitras S, Clohisy J, Belzile E, Zaltz I, Grammatopoulos G, Melkus G, Rakhra K, Ramsay T, Thavorn K, Beaulé PE. Trials. 2020Aug18;21(1):725. doi: 10.1186/s13063-020-04592-9.
52. **A minimally invasive periacetabular osteotomy technique: minimizing intraoperative risks.** Thiagarajah S, Bingham J, Grammatopoulos G, Witt J. J Hip Pres Surg. 2020Aug15;00(0):1-5. doi: 10.1093/jhps/hnaa040
53. **Hip resurfacing for the young arthritic hip.** Grammatopoulos G, Beaulé PE. Ann Joint. 2020Jul15;5:23. doi: 10.21037/aoj.2020.04.03
54. **How can patients with mobile hips and stiff lumbar spines be identified prior to total hip arthroplasty? A prospective, diagnostic cohort study.** Innmann M, Merle C, Phan P, Beaulé P, Grammatopoulos G. The Journal of Arthroplasty. 2020Jun;35(6S):S255-S261. doi: 10.1016/j.arth.2020.02.029. Epub 2020Feb20.
55. **Radiographic evaluation of hip resurfacing: the role of x-rays in the diagnosis of a problematic resurfaced hip.** Van Der Straeten C, Calistri A, Grammatopoulos G, De Smet K. Hip Int. 2020March;(30)2:167-175. doi: 10.1177/1120700019836373. Epub 2019Aug21.
56. **Spinopelvic Characteristics in Acetabular Retroversion: Does Pelvic Tilt Change After Periacetabular Osteotomy?** Grammatopoulos G, Salih S, Beaulé PE, Witt J. Am J Sports Med. 2020Jan;48(1):181-187. doi: 10.1177/0363546519887737
57. **Surgical Consideration to avoid adverse mechanics.** Nicol G, Vanbiervliet J, Grammatopoulos G. Ann Joint. 2020Jan15;5:6. doi: 10.21037/aoj.2019.10.05
58. **Contemporary surgical approaches for hip resurfacing.** Gomez A, Grammatopoulos G, Beaulé PE. Ann Joint. 2020Jan15;5:9. doi: 10.21037/aoj.2019.12.1
59. **Are there clinically relevant anatomical differences of the proximal femur in patients with mild dysplastic and primary hip osteoarthritis? A CT-based matched-pairs cohort study.** Innmann MM, Hasberg S, Waldstein W, Grammatopoulos G, Gill HS, Pegg EC, Aldinger PR, Merle C. Clin Radiol. 2019Nov;74(11):896.e17-896.e22. doi: 10.1016/j.crad.2019.06.032. Epub 2019Aug26.
60. **Acetabular version increases during adolescence secondary to reduced anterior femoral head coverage.** Grammatopoulos G, Jamieson P, Dobransky J, Rakhra K, Carsen S, Beaulé PE. Clin Orthop Relat Res. 2019Nov;477(11):2470-2478.

doi:10.1097/CORR.0000000000000900

61. **What is the learning curve associated with a hip resurfacing?** Slullitel P, Grammatopoulos G, Calistri A, Van Der Staeten C. *Ann Joint*. 2019Oct12;4:42. doi: 10.1037/aoj.2019.09.08
62. **Does lumbar arthrodesis compromise outcome of total hip arthroplasty?** Grammatopoulos G, Dhaliwal K, Pradhan R, Parker SJM, Lynch K, Marshall R, Andrade ATJ. *Hip Int*. 2019Sep;29(5):496-503. doi:10.1177/1120700018793373. Epub 2018Aug20
63. **Can spinopelvic mobility be predicted in patients awaiting total hip arthroplasty? A prospective, diagnostic study of patients with end-stage hip osteoarthritis.** Innmann MM, Merle C, Gotterbarm T, Ewerbeck V, Beulé PE, Grammatopoulos G. *Bone Joint J*. 2019 Aug; 101-B(8):902-909. doi: 10.1302/0301-620X.101B8.BJJ-2019-0106.R1
64. **High variability of acetabular offset in primary hip osteoarthritis influences acetabular reaming-A computed tomography-based anatomic study.** Merle C, Innmann MM, Waldstein W, Pegg EC, Aldinger PR, Gill HS, Murray DW, Grammatopoulos G. *J Arthroplasty*. 2019 Aug; 34(8):1808-1814. doi: 10.1016/j.arth.2019.03.065. Epub 2019 April 1.
65. Rego, P., Beulé, P. E., Ayeni, O. R., Tey, M., Marin-Peña, O., Dantas, P., ... & Kurz, A. Z. (2019, June). **Femoroacetabular impingement: what the surgeon wants to know.** In *Seminars in musculoskeletal radiology* (Vol. 23, No. 03, pp. 257-275). Thieme Medical Publishers.
66. Femoroacetabular impingement: **What the surgeon wants to know.** Rego P, Beulé P, Ayeni OR, Tey M, Marin-Peña O, Dantas P, Wilkin G, Grammatopoulos G, Mafra I, Smit K, Kurz AZ. *Semin Musculoskelet Radiol*. 2019 Jun 4; 23(3): 257-275. doi: 10.1055/s-0039-1683967
67. **Is end-organ surveillance necessary in patients with well-functioning metal-on-metal hip resurfacings? A cardiac MRI survey.** Juneau D, Grammatopoulos G, Alzahrani A, Thornhill R, Inacio JR, Dick A, Vogel KI, Dobransky J, Beulé PE, Dwivedi G. *Bone Joint J*. 2019 May; 101-B(5):540-546. doi: 10.1302/0301-620X
68. Deng, J., Huang, E., Silver, Z., Zheng, E., Kavanaugh, K., Wen, A., ... & Grammatopoulos, G. (2019). **Optimal pharmacological management and prevention of glucocorticoid-induced osteoporosis (GIOP): protocol for a systematic review and network metaanalysis.** *medRxiv*, 19010520.
69. **The pattern of acetabular cartilage wear is hip morphology-dependent and patient demographic-dependent.** Pascual-Garrido C, Li DJ, Grammatopoulos G, Yanik EL, Clohisy JC; ANCHOR Group. *Clin Orthop Relat Res*. 2019 May; 477(5):1021-1033. doi: 10.1097/CORR.0000000000000649.
70. **Does cartilage degenerate in asymptomatic hips with cam morphology?** Grammatopoulos G, Melkus G, Rakhra K, Beulé PE. *Clin Orthop Relat Res*. 2019 May; 477(5):962-971. doi: 10.1097/CORR.0000000000000629.

71. Juneau, D., Marangou, J., Beaulé, P., Alzahrani, A., Grammatopoulos, G., Thornhill, R., ... & Dwivedi, G. (2018). **Myocardial Structure, Function, and Tissue Characterisation by Cardiac Magnetic Resonance in Asymptomatic Patients with Metal on Metal Hip Resurfacing.** *Heart, Lung and Circulation*, 27, S258.
72. **Piriformis Pyomyositis in a Patient with Kikuchi-Fujimoto Disease - A Case Report and Literature Review.** Barros AAG, Soares CBG, Temponi EF, Barbosa VAK, Teixeira LEM, Grammatopoulos G. *Rev Bras Ortop (Sao Paulo)*. 2019 Apr; 54(2):214-218. doi: 10.1016/j.rboe.2017.09.005. Epub 2019 Apr 15.
73. **2018 Frank Stinchfield Award: Spinopelvic hypermobility is associated with an inferior outcome after THA: Examining the effect of spinal arthrodesis.** Grammatopoulos G., Gofton W, Jibri Z, Coyle M, Dobransky J, Kreviazuk C, Kim PR, Beaulé PE. *Clin Orthop Relat Res*. 2019 Feb; 477(2):310-321. doi: 10.1097/CORR.0000000000000367.
74. **Hip and knee section, outcomes: proceedings of international consensus on orthopedic infections.** Abblitt WP, Ascione T, Bini S, Bori G, Brekke A, Chen A, Courtney P, Della Valle C, Diaz-Ledezma C, Ebied A, Fillingham Y, Gehrke T, Goswami K, Grammatopoulos G., Marei S, Oliashirazi A, Parvizi J, Polkowski G, Saeed K, Schwartz A, Segreti J, Shohat

N, Springer B, Suleiman L, Swiderek L, Tan T, Yan C, Zeng Y. *J Arthroplasty*. 2019Feb;34(2S):S487-S495. doi: 10.1016/j.arth.2018.09.035. Epub 2018Oct19.

75. **Unravelling the hip pistol grip/cam deformity: Origins to joint degeneration.** Beaulé PE, Grammatopoulos G, Speirs A, Geoffrey Ng KC, Carsen S, Frei H, Melkus G, Rakhra K, Lamontagne M. *J Orthop Res*. 2018 Dec; 36(12):3125-3135. doi: 10.1002/jor.24137.
76. **Pelvic positioning in the supine position leads to more consistent orientation of the acetabular component after total hip arthroplasty.** Grammatopoulos G, Gofton W, Cochran M, Dobransky J, Carli A, Abdelbary H, Gill HS, Beaulé PE. *Bone Joint J*. 2018 Oct; 100-B(10):1280-1288. doi: 10.1302/0301-620X.100B10.BJJ-2018-0134.R1.
77. **Acetabular and spino-pelvic morphologies are different in subjects with symptomatic cam femoroacetabular impingement.** Grammatopoulos G, Speirs AD, Ng KCG, Riviere C, Rakhra KS, Lamontagne M, Beaulé PE. *J Orthop Res*. 2018 Jul; 36(7):1840-1848. doi: 10.1002/jor.23856. Epub 2018 Feb 7
78. **Factors increasing risk of failure following hip arthroscopy: a case control study.** Davies O, Grammatopoulos G, Pollard TCB, Andrade AJ. *J Hip Preserv Surg*. 2018 Jun 22; 5(3):240-246. doi: 10.1093/jhps/hny020. eCollection 2018 Aug.
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80. **Anatomic Predictors of Sagittal Hip and Pelvic Motions in Patients With a Cam Deformity.** K.C.G.Ng, M. Lamontagne, J.R.T Jeffers, G. Grammatopoulos, P.E Beaulé. *Am J Sports Med*. 2018 May; 46(6):1331-1342. doi: 10.1177/0363546518755150. Epub 2018 Mar 8
81. **Occult fractures around the hip.** G. Grammatopoulos, C. McCarthy, A. Carli, W. Gofton. *Br J Hosp Med (Lond)*. 2018 Apr 2; 79(4):C60-C64. doi: 10.12968/hmed.2018.79.4.C60.
82. **Implant failure in bilateral metal-on-metal hip resurfacing arthroplasties: a clinical and pathological study.** Y. Uchihara, G. Grammatopoulos, M. Munemoto, G. Matharu, Y. Inagaki, H. Pandit, Y. Tanaka, N. A. Athanasou. *J Mater Sci Mater Med*. 2018 Mar 7; 29(3):28. doi: 10.1007/s10856-018-6037-5.

PUBLICATIONS – BOOK CHAPTERS

Chapter: Hip joint preservation surgery: what every orthopaedic provider needs to know. Slullitel PA, Grammatopoulos G, Smit K, Carsen S, Wilkin G, Rakhra KS, Beaulé PE.

Book: Instructional Course Lectures

Publisher: Wolters Kluwer

Chapter: Aetiology of Hip Dysplasia: Genetic and Environmental

Book: Hip Dysplasia

S. Thiagaraj, G. Grammatopoulos, J. M. Wilkinson, Paul E. Beaulé
Publisher: Springer International, 978-3-030-33357-7

Chapter: Radiology in resurfacing

Book: The hip resurfacing handbook.

K. De Smet, G. Grammatopoulos, A. Calistri

Senior Editor: K. De Smet

Publisher: Woodhead Publishing Ltd, Cambridge, UK

Chapter: Metal Reactivity: Its Influence on 1° and Revision Outcomes.

Book: Metal-on-Metal Bearings.

G. Grammatopoulos, H. Pandit, A. Low, D. Murray

Senior Editor: L. Jones, S. Greenwald, G. Haggard Publisher:

Springer

PRESENTATIONS – PODIUM

**Satisfaction & Safety of the Use of Urinary Catheters in the Pre-Operative Period
Amongst Hip Fracture Patients - A Prospective Study**

Thibault J, Grammatopoulos G, Horton I, Harris N, Dodd-Moher M, Papp S. COA 2022, June 2022.

Can we Predict Fracture When Using a Short Cementless Stem in the Anterior Approach?

McGoldrick N, Cochran M, Biniam B, Bhullar R, Beaulé P, Kim P, Gofton W,
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How do Spinopelvic Characteristics Change with Age? Defining 'normal' and the effect of hip arthritis.

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How does a Canadian Academic Center perform as per UK National Performance Metrics for the Management of Hip Fractures? - An audit of practice

Bourget-Murray J, Horton I, McIsaac D, Papp S, Grammatopoulos G. COA 2022, June 2022

Delayed Mobilization Following Hip Fracture Surgery is Associated with Increased Morbidity and Length of Stay.

Horton I, Bourget-Murray J, Buth O, Green M, Papp S, Grammatopoulos G. AAOS 2022, March 2022.

Ten- Year Outcome Following Surgical Treatment of Femeroacetabular Impingement.

Grammatopolous G, Laboudie P, Fischman D, Ojaghi R, Finless A, Beale P. AAOS 2022, March 2022.

Can we predict fracture when using a short cementless femoral stem in the anterior approach?

McGoldrick N, Cochran M, Biniam B, Bhullar R, Beale P, Kim P, Gofton W, Grammatopoulos G. AAHKS 2021, November 2021.

The SLIM Study: Economic, Energy, and Waste Savings through Lowering of Instrumentation Mass in THA.

Adamczyk A, Beaulé P; Kim P; Gofton W; Horton I; Grammatopoulos G. AAHKS 2021, November 2021.

Patient Specific Cup Orientation Can Be Achieved by Integrating the Combined Sagittal Index Further Minimizing Risk of Dislocation

Falsetto A, Kreviazuk C, Grammatopoulos G. Canadian Orthopedic Association 2021, June 2021

The SLIM Study: Economic, Energy, and Waste Savings through Lowering of Instrumentation Mass in THA.

Adamczyk A, Beaulé P; Kim P; Gofton W; Horton I; Grammatopoulos G. Canadian Orthopedic Association 2021, June 2021

Can Cup Orientation Achieved with a Posterior Approach Ever Be as Reliable as That Achieved with an Anterior Approach?

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Are Patient Reported Outcomes Measures comparable between Surgical Hip Dislocation and Arthroscopy in the Treatment of Femoro-acetabular Impingement: A Propensity Matched Study with minimum 5 year Follow-Up

Smit K, Grammatopoulos G, Fischman D, Ojaghi R, Dobransky J, Finless A, Beale P. Canadian Orthopedic Association 2021, June 2021

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Adamczyk A, Beaulé P; Kim P; Gofton W; Horton I; Grammatopoulos G. BHS 2021, June 2021.

How does spinopelvic mobility and sagittal functional cup orientation affect patient reported outcome 1 year after THA? - A prospective diagnostic cohort study

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Are There Different Spinopelvic Characteristics between Patients with Primary Hip Osteoarthritis and Asymptomatic Controls? – Defining ‘Normal’ Spinopelvic Movements

Innmann M, Merle C, Phan P, Beaulé P, Grammatopoulos G. EFORT 2021, June 2021.

Accuracy of restoring leg length and total offset in the coronal plane: comparative radiographic analysis of total hip arthroplasty in the supine and lateral decubitus positions

McGoldrick N, Antoiniades S, Meniawy S, Kreviazuk C, Beaulé P, Grammatopoulos G. EFFORT 2021, June 2021.

The SLIM Study: Economic, Energy, and Waste Savings through –Lowering of Instrumentation Mass in Total Hip Arthroplasty.

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Patient Specific Cup Orientation Can Be Achieved by Integrating the Combined Sagittal Index Further Minimizing Risk of Dislocation

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Do acetabular parameters measured on two-dimensional imaging correlate with CT, and can lateral centre edge angle predict femoral head coverage? S Salih, G Grammatopoulos, J Witt, BHS March 2020

How can patients with mobile hips and stiff lumbar spines be identified prior to total hip arthroplasty? –A Prospective, Diagnostic Cohort Study

M Innmann, C Merle, P Phan, P Beaulé, G Grammatopoulos, BHS March 2020

Does spinopelvic mobility change following total hip arthroplasty? – A Prospective, Diagnostic Cohort Study at 1 -year post-THA, M Innmann, F Reichel, B Schaper, C Merle, P Beaulé, G Grammatopoulos, BHS March 2020

How does spinopelvic mobility and sagittal functional cup orientation affect patient reported outcome 1 year after THA? - A prospective diagnostic cohort study, M Innmann, F Reichel, B Schaper, C Merle, P Beaulé, G Grammatopoulos, BHS March 2020

Are there differences in spinopelvic mobility between patients with end-stage hip osteoarthritis awaiting total hip arthroplasty and a control group? – A prospective

diagnostic case-controlled cohort study, M Innmann, C Merle, P Phan, P Beaulé, G Grammatopoulos, BHS March 2020

Association of Pelvic Incidence and Acetabular Version Using 3D Reconstructed CT Scans, Z DaVries, SSalih, A Speirs, J Dobransky, P Beaulé, G Grammatopoulos, J Witt, BHS March 2020

A Randomized Controlled Trial of Short Versus Conventional Cementless Femoral Components in Primary Total Hip Arthroplasty, P. Slullitel, J. Dobransky, C. Kreviazuk, JK. Kim, G. Grammatopoulos, P. Beaulé, ORS Feb 2020

The Effect Of Lower Limb Length And Hip Offset Differences, And Surgical Approaches On Gait Mechanics In Total Hip Arthroplasty, M. Lamontagne, E. Kowalski, D. Catelli, G. Grammatopoulos, P. Beaulé, ORS Feb 2020

Comparison of a porous modular cup and a hydroxyapatite-coated monoblock cup, P. Slullitel, G. Grammatopoulos, J. Dobransky, C. Kreviazuk, J.M. Wilkinson, P. Beaulé, ISTA Oct 2019

Anterior Approach for Primary THA in a community-based hospital: Adverse events and readmissions, G. Grammatopoulos, P. Beaulé, R. Almiche, J.P. Lafleche, W. Gofton, J. Dobransky, G. Moreau, ISTA Oct 2019

How Does Spinal Arthrodesis Affect Outcome and Sagittal Plane Pelvic Movement Post Total Hip Arthroplasty? – A prospective, case matched study, G Grammatopoulos, W Gofton, M Coyle, J Dobransky, C Kreviazuk, N Harris, Z Jibri, P Beaulé, EFFORT May/June 2018

Acetabular and spino-pelvic morphologies are different in subjects with symptomatic cam femoro-acetabular impingement. G Grammatopoulos, A Speirs, KCG Ng, C Riviere, K Rakhra, M Lamontagne, P Beaulé. AAOS March 2018

Pelvic Positioning Is More Reliable in The Supine Position Leading to More Consistent Cup Orientation After THA, G Grammatopoulos, W Gofton, M Cochran, J Dobransky, H Abdelbary, A Carli, HS Gill. P Beaulé, BHS March 2018

Does severity of Dysplasia Influence Clinical Outcome Following PeriAcetabular Osteotomy? – A Case Control Study, G. Grammatopoulos, P.E. Beaulé, C. Pascual-Garrido, J. Nepple, ANCHOR Group, J. Clohisy, BHS March 2018

Acetabular version increases during adolescence to a reduction in anterior femoral head coverage. G. Grammatopoulos, P. Jamieson, J. Dobransky, K. Rakhra, S. Carsen, P. E. Beaulé. BHS March 2018

Spino-Pelvic Hypermobility is Associated with Inferior Outcome Post-THA: Examining the Effect of Spinal Arthrodesis. G Grammatopoulos, W Gofton, Z Jibri, M Coyle, J Dobransky, C Kreviazuk, P Kim, P Beaulé, AAOS March 2018

Are there disease-specific articular cartilage wear patterns in various pre-arthritic hip disorders? C Pascual Garrido, G Grammatopoulos, P Eamsobhana, ANCHOR Study Group, J Nepple, P Beaulé, J Clohisy, ORS March 2018

A Traffic Light Grading System of Hip Dysplasia to Predict the Success of Arthroscopic Hip Surgery. G. Grammatopoulos, O.L.I Davies, A. El-Bakoury, H.S. Gill, T.C.B Pollard, A.J. Andrade. AAOS 2017

Outcome following Debridement, Antibiotics and implant Retention (DAIR) in hip prosthetic joint infection – An 18-year experience. G. Grammatopoulos, B. Kendrick, S. Glyn-Jones, P. McLardy-Smith, A. Taylor, R. Gundle. BHS 2016

Early-term outcome of proximal femur endo-prosthetic replacement for non-tumour indications. G. Grammatopoulos, A. Alvand, H. Martin, A. Taylor, D. Whitwell, M. Gibbons. BHS 2016

Efficacy of intra-articular hip steroid injection in osteoarthritis. G.Grammatopoulos, G. Hodhody, J. Lane, A. Taylor, B. Kendrick, S. Glyn-Jones, BHS 2016

Outcome Following Debridement, Antibiotics and Implant Retention (DAIR) in hip prosthetic joint infection – A case control study. G. Grammatopoulos, B. Kendrick, N. Athanasou, B. Atkins, H. Pandit, P. McLardy-Smith, D. Murray, R. Gundle, A. Taylor. AAOS 2016

INVITED PRESENTATIONS - PODIUM – I will add a couple here in final version

Pelvic Positioning: Supine or Lateral for Accurate Cup Orientation?
London Hip Meeting, London, UK, April 2018

Spino-Pelvic Hypermobility is Associated With Inferior Outcome Post-THA: Examining the Effectiveness of Spinal Arthrodesis
London Hip Meeting, London, UK, April 2018

Clinical Assessment of Patients Presenting With Groin Pain
Royal Society of Medicine, London, UK, January 2018

Functional Results of Hip Preservation Surgery
Royal Society of Medicine, London, UK, January 2018

Return to Sport after FAI surgery
Royal Society of Medicine, London, UK, January 2018

Optimal component positioning in THA- what is important and how can we get better?
University of Heidelberg, Germany, June 2015

PRESENTATIONS – POSTERS

Delayed Mobilization Following Hip Fracture Surgery is Associated with Increased Morbidity and Length of Stay

Horton I, Bourget-Murray J, Buth O, Green M, Papp S, Grammatopoulos G. COA 2022, June 2022.

Comparing Causative Microorganisms responsible for periprosthetic hip infections following primary hip arthroplasty

Cammuso M, Bourget-Murray J, Horton I, Morris J, Bureau A, Abdelbary H, Garceau S, Grammatopoulos G. COA 2022, June 2022.

Does Surgical Approach Influence the Natural History of the Unstable Total Hip Replacement?

Dion C-A, Batista N, Horton I, Beaulé P, Grammatopoulos G. EFORT 2022, June 2022.

Can we Predict Fracture When Using a Short Cementless Stem in the Anterior Approach?

McGoldrick N, Cochran M, Biniam B, Bhullar R, Beaulé P, Kim P, Gofton W, Grammatopoulos G. EFORT 2022, June 2022.

Mid to Long-Term Survivorship of Total Hip Arthroplasty and Hip Resurfacing in Patients 40 Years and Younger

Adamczyk A, Laboudie P, Ricard M, Kim P, Beaulé P, Grammatopoulos G. EFORT 2022, June 2022.

Sacral Slope Change from Standing to Relaxed-Seated Grossly Over-Predicts Presence of a Stiff Spine

Grammatopoulos G, Pierrepont J, Madurawe C, Innmann M, Vigdorichik J, Shimmin A. EFORT 2022, June 2022.

Delayed Mobilization Following Hip Fracture Surgery is Associated with Increased Morbidity and Length of Stay

Horton I, Bourget-Murray J, Buth O, Green M, Papp S, Grammatopoulos G. EFORT 2022, June 2022.

How Does the Hip Fossa's Cellular Architecture Change with Age and Arthritis?

Tilouche B, Farhat S, Horton I, Carsen S, Beaulé P, Coutu D, Grammatopoulos G. EFORT 2022, June 2022.

Spinopelvic Characteristics in Highly Functioning, Asymptomatic Volunteers and in Patients with Young Adult Hip Disorders: Are Different Pathologies associated with Different Characteristics?

Devries Z, Biniam B, Rakhra K, Beaulé P, Speirs J, Grammatopoulos G. EFORT 2022, June 2022.

Spinopelvic Characteristics in Highly Functioning, Asymptomatic Volunteers and in Patients with Young Adult Hip Disorders: Are Different Pathologies associated with Different Characteristics?

Devries Z, Biniam B, Rakhra K, Beaulé P, Speirs J, Grammatopoulos G. AAOS 2022, March 2022.

The SLIM Study: Economic, Energy, and Waste Savings through Lowering of Instrumentation Mass in THA.

Adamczyk A, Nessek H, Kim P, Horton I, Feibel R, Gofton W, Beaulé P, Grammatopoulos G. AAOS 2022, March 2022.

Does spino-pelvic morphological parameters predict hip pain in the young adult hip?

Dion C-A, Batista N, Horton I, Beaulé P, Grammatopoulos G. AAHKS 2021, November 2021.

Sagittal and Axial Planes Kinematics of the Spine, Pelvis and Hip Joints in Osteoarthritic Hips

Cotter B, Krevizuk C, Grammatopoulos G. Canadian Orthopedic Association, 2021. June 2021.

Are Validated Software Tools used for Acetabular Measurements in Hip Preservation Surgery Comparable?

Fischman D, Kreviazuk C, Grammatopoulos G. Canadian Orthopedic Association, 2021. June 2021.

Spinopelvic characteristics in asymptomatic patients and in those with young adult hip disorders – Are different pathologies associated with different characteristics

DeVries Z, Kreviazuk C, Grammatopoulos G. Canadian Orthopedic Association, 2021. June 2021.

Etiology and Mid to Long-term Survivorship of Hip Arthroplasty in Patient 40 Years and Younger

Adamczyk A, Kreviazuk C, Grammatopoulos G. Canadian Orthopedic Association, 2021. June 2021.

Cementing a collarless polished tapered femoral stem through the anterior approach – evaluation of cement mantle quality and component alignment.

McGoldrick N, Fischman D, Nicol G, Kreviazuk C, Grammatopoulos G, Beaulé P. BHS 2021, June 2021

Accuracy of restoring leg length and total offset in the coronal plane: comparative radiographic analysis of total hip arthroplasty in the supine and lateral decubitus positions

McGoldrick N, Antoiniades S, Meniawy S, Kreviazuk C, Beaulé P, Grammatopoulos G. BHS 2021, June 2021

In Vivo Assessments of the Spine, Pelvis and Hip with Motion Analysis – Characterising the Axial Plane in Healthy and Osteoarthritic Hips

Catelli D, Cotter B, Lamontagne M, Grammatopoulos G. BHS 2021, June 2021.

Single-Center 5-Year Survival Analysis of a Short Cementless Stem

Bhullar R, Biniam B, McGoldrick N, Beaulé P, Grammatopoulos G. BHS 2021, June 2021.

Are Validated Software Tools used for Acetabular Measurements in Hip Preservation Surgery Comparable?

Fischman D, Salih S, DeVries Z, Speirs A, Beaulé P, Witt J, Grammatopoulos G. BHS 2021, June 2021.

Aetiology and mid to long-term survivorship of hip arthroplasty in patients aged 40 years and younger.

Adamczyk A, Ricard M-A, Laboudie P, McGoldrick N, Kim P, Beaulé P, Grammatopoulos G. BHS 2021, June 2021

Can Cup Orientation Achieved with a Posterior Approach Ever Be as Reliable as That Achieved with an Anterior Approach?

Antoniades S, McGoldrick N, Meermans G, Beaulé P, Grammatopoulos G. BHS 2021, June 2021

Spinopelvic characteristics in asymptomatic patients and in those with young adult hip disorders – Are different pathologies associated with different characteristics? DeVries

Z, Biniam B, Rakhra K, Spiers A, Beaulé P, Kreviazuk C, McGoldrick N, Grammatopoulos G. BHS 2021, June 2021

Are There Different Spinopelvic Characteristics Between Patients with Hip Osteoarthritis and Asymptomatic Controls

Innmann M, Merle C, Beaulé P, Grammatopoulos G. AAOS 2021, March 2021.

Sagittal Characteristics can Reliably Predict the Unstable Total Hip Replacement Falsetto

A, Innmann M, Sanders E, Dobransky J, Beaulé P, Grammatopoulos G. AAOS 2021, March 2021.

Spinopelvic characteristics in asymptomatic patients and in those with young adult hip disorders – Are different pathologies associated with different characteristics?

DeVries z, Biniam B, Rakhra K, Speirs A, Dobransky J, Beaulé P, Grammatopoulos G. AAOS 2021, March 2021.

Sagittal and transverse dynamic spinopelvic mobility and radiographic assessment in OA patients. Lamontagne M, Kowalski E, Catelli D, Grammatopoulos G, Beaulé PE. ORS 2021,

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The effect of treating pre-operative anemia in primary arthroplasty patients. Bailey A,

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Interaction between sagittal functional cup orientation, spino-pelvic mobility, and PROMs post-THA. Innmann M, Reichel F, Schaper B, Merle C, Beaulé PE, Grammatopoulos G. AAHKS

2020, November 2020.

Does spinopelvic mobility change following total hip arthroplasty? - A Prospective,

Diagnostic Cohort Study at 1 -year post-THA. Innmann M, Reichel F, Schaper B, Merle C, Beaulé P, Grammatopoulos G. Canadian Orthopedic Association, June 2020

Characterising The Acetabular Articular Cartilage/Cotyloid Fossa Ratio in the Young Adult Hip: Differentiating between Dysplasia and Impingement. DeVries Z, Slullitel P,

Speirs A, Kreviazuk C, Dobransky J, Witt J, Grammatopoulos G, Beaulé P. Canadian Orthopedic Association, June 2020

How do cup inclination and anteversion in the coronal plane relate to ante-inclination in the sagittal plane after total hip arthroplasty - A prospective diagnostic cohort study.

Innmann M, Merle C, Beaulé P, Gill HS, Grammatopoulos G. Canadian Orthopedic Association, June 2020

Comparison of Acute vs. Delayed THR in the Setting of Acetabular ORIF of the Elderly

Graeme Nicol, Ethan Sanders, Geoffrey Wilkin, Allan Liew, Wade Gofton, Steven Papp, Paul Beaulé, George Grammatopoulos. BHS March 2020

Outcome of Total hip Arthroplasty for the Treatment of Osteoarthritis Secondary to Trauma and Previous ORIF – A Comparison of Cases with Previous Acetabular vs. Proximal Femur Fracture

Graeme Nicol, Brook Biniam, Paul Kim, Wade Gofton, Paul Beaulé, George Grammatopoulos. BHS March 2020

How Can Patient with Optimal Cup Orientation in the Coronal Plane but Functional Malalignment in the Sagittal Plane Be Identified Prior to THA – A Prospective Diagnostic Cohort Study.

Moritz Innmann, Franz Reichel, Bibiane Schaper, Christian Merle, Paul Beaulé, George Grammatopoulos. BHS March 2020

The Learning Curve of Introducing Direct Anterior Approach for Total Hip Arthroplasty in Practice Using Contemporary Training: Fellowship Following Residency vs. Mentorship in Experienced Hands.

Graeme Nicol, Joshua Bringham, Lucy Beasley, Guy Moreau, Jean-Pierre Lafleche, Wade Gofton, Paul Beaulé, George Grammatopoulos. BHS March 2020

The Prevalence of Pre-operative Anemia in Primary Arthroplasty and Its Effect on outcome – Does a Blood Optimisation Clinic Improve Outcome?

Adrian Bailey, Isabel Eisen, Johanna Dobransky, Anthony Palmer, Donna Touchie, Iris Perelman, Alan Timmouth, Sylvain Gagné, Dean Fergusson, Paul Beaulé, George Grammatopoulos. BHS March 2020

Do “Bone-Preserving” Femoral Prostheses Conserve Bone? A Randomized Clinical Trial of the Tri-lock Versus Corail Prostheses.

Mohit Mahatma, Pablo Slullitel, Mohsen Farzi, Cheryl Kreviazuk, Johanna Dobransky, Alex Frangi, George Grammatopoulos, J. Mark Wilkinson, Paul E. Beaulé. BHS March 2020

Characterising The Acetabular Articular Cartilage/Cotyloid Fossa Ratio in the Young Adult Hip: Differentiating between Dysplasia and Impingement.

Z DeVreies, P Slullitel, A Speirs, C Kreviazuk, J Dobransky, J Witt, G Grammatopoulos, P Beaulé. ORS Feb 2020 **How can patients with mobile hips and stiff lumbar spines be identified prior to total hip arthroplasty? A prospective, diagnostic cohort study.** M. Innmann, C. Merle, P. Phan, P. Beaulé, G. Grammatopoulos. AAHKS Nov 2019

The Presence of Cervical or Thoracic Arthrodesis is Associated with Inferior Outcome Post-THA.

G. Grammatopoulos, W. Gofton, M. Coyle, J. Dobransky, C. Kreviazuk, N. Harris, P. Phan, M. Lamontagne, P. Beaulé. AAOS March 2019

Does Severity Of Dysplasia Influence Clinical Outcomes Following the Periacetabular Osteotomy? – A Case Control Study. Grammatopoulos G, Beaulé PE, Pascual-Garrido C, Nepple JJ, ANCHOR Group, Clohisy, J. COA June 2018

The Borderline Dysplastic Hip: Arthroscopy or PAO? G. Grammatopoulos, C. PascualGarrido, J. Nepple, C. Larson, A. Bedi, ANCHOR group, P. Beaulé, J. Clohisy. COA June 2018

Pelvic Positioning Is More Reliable In The Supine Position, Leading To More Consistent Cup Orientation After Total Hip Arthroplasty. G Grammatopoulos, W Gofton, M Cochran, J Dobransky, H Abdelbary, A Carli, H Gill, P Beaulé. ORS March 2018

Acetabular Version Increases during adolescence secondary to a reduction in the anterior femoral head coverage. G. Grammatopoulos, P. Jamieson, J. Dobransky, K. Rakhra, S. Carsen, P. Beaulé. AAOS March 2018

Direct Superior and Direct Anterior Total Hip Arthroplasty: A comparison of Two Minimally Invasive Approaches. Grammatopoulos G, Bali K, Dobransky J, Gofton W. BHS March 2018

Are there Disease-Specific Articular Wear Patterns In Various Pre-Arthritic Hip Disorders? G. Grammatopoulos, C. Pascual-Garrido, J. Nepple, ANCHOR Group, P. Beaulé, J. Clohisy. BHS March 2018

Does Chronic Exposure to Cobalt Ion Release In Patients with a Metal-on-Metal Hip Resurfacing Impair Cardiac Function? A Cardiac MRI Analysis. P. E. Beaulé, G. Grammatopoulos, D. Juneau, R. Thornhill, J. K. Kim, L. Vogel, J. Dobransky, G. Diwedi. AAOS March 2018

The Young Adult Hip: A Contemporary Approach to the Pre-Arthritic Hip Disease (A scientific Exhibit). C. Pascual- Garrido, G. Grammatopoulos, J. Nepple, P. Beaulé, J. Clohisy. AAOS March 2018

How Does T1rho Relaxation Time Change with Time in Asymptomatic Hips with CAM Femoroacetabular Impingement? G. Grammatopoulos, G. Melkus, K.S. Rakhra, P. Beaulé. ISHA Oct 2017

Clinical Outcome of Massive Endoprostheses Used For Managing Peri-Prosthetic Joint Infections of the Hip and Knee. G. Grammatopoulos, A. Alvand, B. Kendrick, F. de Vos, A. Price, D. Whitwell, W. Jackson, A. Taylor, C.L.M. H. Gibbons. COA June 2017

Are Trunions In Hip Hemiarthroplasties Exempt From High Wear? G. Grammatopoulos, R. Pradhan, H. Wilson. V. Asopa, A. Andrade. COA June 2017

27799 Hip Hemiarthroplasty procedures for Intra-Capsular Hip Fractures: National Variation in Prosthesis Use and Cost. L. D. Jones, G. Grammatopoulos, A. P. Monk, T. W. R. Briggs. BHS March 2017

Can outcome following hip arthroscopy be predicted by demographics and diagnosis alone?

JCE Lane, G. Grammatopoulos, E. Slade, S. Glyn-Jones. BHS March 2016

Does radiographic grade of osteoarthritis predict the response to intra-articular hip

injection? E. Slade, M. Abdelhak, G. Grammatopoulos, JCE Lane, B. Kendrick, S. Glyn-Jones. BHS 2016

What is the variation in health related quality of life measures in patients with hip

pathology? JCE Lane, E. Slade, G. Grammatopoulos, B. Kendrick, A. Taylor, S. Glyn-Jones. BHS 2016

TEACHING

Oct 16 – present	University of Ottawa medical students <i>University of Ottawa, Department of Medicine</i> Teaching of residents, fellows and medical students principles of Trauma and Orthopaedic Surgery in clinics, wards and operating rooms
Aug 07 – Oct 16	University of Oxford Clinical medical students. <i>Oxford University Medical school</i> <i>Teacher of the month: Summer 2007</i>