

CURRICULUM VITAE

Centre Orthopedique Santy

24 avenue Paul Santy

Lyon 69008

France

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Elliot Sappey-Mariniier



PERSONAL DETAILS

Name: Elliot Sappey-Marinier

Nationality: French and American

Date of birth: 16th August 1990

Familial situation: Married, one children

CURRENT POSITION

Orthopaedic surgeon, MD, PhD

Centre Orthopédique Santy, 24 avenue Paul Santy, 69008 Lyon, France

Hôpital Privé Jean Mermoz – Ramsay, 55 avenue Jean Mermoz, 69008 Lyon, France

EDUCATION

High school

High school certificate (2008)
Scientific section (Physic specialty) with honors
Institution des Chartreux, 69004 Lyon

Medical education

Medical school: University Lyon-est, Lyon, France (2008-2014)

- First Cycle of Medical Studies (2008-2010)
- Second Cycle of Medical Studies (2010-2014)

National Competitive Examination (to enter as surgery resident) Nomination: Resident in Surgical Specialty
Choice of specialty: orthopaedic Surgery (2014)

Resident in Orthopaedic Surgery: University Lyon 1 Claude Bernard, University Lyon-est, Lyon, France (2014-2019)
Medical Thesis: 25th September 2019

Junior consultant in Orthopaedic Surgery: Department of Orthopaedic Surgery and Sports Medicine
Croix Rousse Hospital, Hospices Civils de Lyon, 69004 Lyon, France (2019-2021)
PhD Thesis: 11th January 2022

Research Fellow at University of California, San Francisco Department of Orthopaedic Surgery, University of California, San Francisco with Pr Stefano A. Bini (2022-2023)

Private practice Department of orthopaedic Surgery, Centre Orthopedique Santy, 24 avenue Paul Santy, 69008 Lyon (2023-)

Scientific Graduation:

First year Master's Degree Biomedical research

- Traceurs, explorations fonctionnelles et métaboliques
University of Lyon, Pr Zimmer (2009)
- Anatomie, Imagerie et morphogénèse
University of Lyon, Pr Cotton (2010)

Second year Master's Degree Research Master in Biomechanics basic science
Distinction: Good, Rank 2 of a 40 students promotion
University of Lyon, INSA, Pr Cheze (2017)

Study: The effect of the thickness of the tibia bone cut on the frontal laxity during a TKA procedure.
 Published in KSSTA in May 2018 “*Increased valgus laxity in flexion with greater tibial resection depth.*”

PhD thesis

Evolution and evaluation of postoperative alignment after TKA
 Graduated in January 2022

Degrees and certifications:

2019-2022	PhD thesis : 11th January 2022 Evolution and evaluation of postoperative alignment after TKA
2018-2019	EBOT online interim exam in april 2019: Grade : 60/100 Medical thesis : 25th september 2019 Etude prospective comparative sur les prothèses totales du genou HLS NOETOS avec plateau tibial rotatoire versus plateau tibial fixe à 10 ans de recul moyen
2017-2018	University Degree of Arthroscopy Study: Evaluation of the arthroscopic technique of lateral patellar release University of Lyon, Pr Servien
2016-2017	- Validation of Master in Biomechanics , Distinction: Good Study: The effect of the thickness of the tibia bone cut on the frontal laxity during a TKA procedure. University of Lyon, INSA, Pr Cheze - Validation of general surgery graduation
2014-2015	University Degree of Knee Surgical pathologies University of Lyon, Pr Neyret
2009-2010	Validation of First year Master’s Degree, Distinction: Good University of Lyon, Pr Zimmer, Pr Cotton
2008	High school certificate (2008), Scientific section (Physic specialty) with distinction Institution des Chartreux, 69004 Lyon, Academia of Lyon
2005	First certificate of English

University Hospital Training (2014-2019):

2014-2015	1 st semester: Dept of Orthopaedic Surgery Dr Dejour, Clinique de la Sauvegarde, Ecully 2 nd semester: Dept of Orthopaedic Surgery Dr Martres, Hôpital Rebée Sabran, Giens
2015-2016	3 rd semester: Dept of Orthopaedic Surgery Dr Roussouly, Centre des Massues, Lyon 4 th semester: Dept of Orthopaedic Surgery Pr Chotel, Hôpital Femme Mère Enfant, Lyon
2016-2017	5 th semester: Dept of Orthopaedic Surgery Prs Neyret Servien, Lustig, Hôpital Croix Rousse, Lyon 6 th semester: Dept of Orthopaedic Surgery Pr Fessy, Centre hospitalier Lyon Sud, Lyon
2017-2018	7 th semester: Dept of Orthopaedic Surgery Dr Thauinat, Fayard, Hôpital Privé Jean Mermoz, Lyon 8 th semester: Dept of Orthopaedic Surgery Pr Fessy, Centre hospitalier Lyon Sud, Lyon
2018-2019	9 th semester: Dept of Orthopaedic Surgery Pr Rongieras, Hôpital Edouard Herriot, Lyon 10 th semester: Dept of General and Vascular Surgery Pr Boileau, Hôpital Saint Luc Saint Joseph, Lyon

Training course:

1. Instructional course “Cours de base de chirurgie prothétique de la hanche” Lyon, 2014
2. Cours théorique et pratique “Techniques d’enclouage verrouillé” Strasbourg, 2015
3. “HLS Academy 2015.” Lyon, 2015
4. “AO Trauma Cours de Base-Traitement des fractures pour jeunes chirurgiens” Lyon, 2015
5. “Cours National de Chirurgie Arthroscopique, Module Genou.” IRCAD, Strasbourg 2018
6. Travelling fellowship EKS 2024: November 17th to December 7th 2024.

Professional medical organization memberships:

1. Société Française de Chirurgie Orthopédique et Traumatologique (SOFECOT): member since 2015
2. European Society of Sports Traumatology Knee Surgery & Arthroscopy (ESSKA) : member 2019-2022
3. Lyon School of Knee Surgery : member since 2020
4. Personalized Arthroplasty Society : member since 2022
5. European Knee Society : junior member since 2025

TEACHING ACTIVITIES

Basic Course of Anatomy for French medical student in 2nd year of medicine 2019-2020-2021

Basic Course of Orthopaedics and Traumatology for French medical student in 3rd year of medicine 2016-2017-2018-2019-2020-2021

Basic Course of Orthopaedics and Traumatology for French medical student in 4th year of medicine 2016-2017-2018-2019-2020-2021

Basic Course of Orthopaedics and Traumatology for French medical student in 5th year of medicine 2016-2017-2018-2019-2020-2021

Basic Course of Orthopaedics and Traumatology for French medical student in 6th year of medicine 2016-2017-2018-2019-2020-2021

RESEARCH

Publications in Peer-Reviewed Journals

1. Sappey-Marinier E, White N, Gaillard R, Cheze L, Servien E, Neyret P, Lustig S.

Increased valgus laxity in flexion with greater tibial resection depth.

Knee Surg Sports Traumatol Arthrosc. 2019 May;27(5):1450-1455.

2. Madelaine A, Fournier G, Sappey-Marinier E, Madelaine T, Seil R, Lefevre N, Chotel F, the French Arthroscopic Society.

Conservative management of Anterior Cruciate Ligament injury in paediatric population: about 53 patients.

Orthop Traumatol Surg Res. 2018 Dec;104(8S):S169-S173.

3. Sappey-Marinier E, Viste A, Blangero Y, Desmarchelier R, Fessy M-H.

Comparative study between dual-mobility vs. Single-mobility cups in primary THA: incidence of dislocation and peri-prosthetic fracture.

Int Orthop. 2019 Dec;43(12):2691-2695.

4. Sappey-Marinier E, Sonnery-Cottet B, O'Loughlin P, Ouanezar H, Reina Fernandes L, Kouevidjin K, Thaunat M.

Clinical Outcomes and Predictive Factors for Failure with Isolated MPFL Reconstruction for Recurrent Patellar Instability: A Series of 211 Reconstructions With a Minimum Follow-up of Three Years.

Am J Sports Med. 2019 May;47(6):1323-1330.

5. Sappey-Marinier E, Abreu FG, O'Loughlin P, Gaillard R, Neyret P, Lustig S, Servien E.
No difference in patellar position between mobile-bearing and fixed-bearing total knee arthroplasty for medial osteoarthritis: a prospective randomized study.

Knee Surg Sports Traumatol Arthrosc. 2020 May;28(5):1542-1550.

6. Sappey-Marinier E, Pauvert A, Batailler C, Swan J, Cheze L, Servien E, Lustig S.
Kinematic versus mechanical alignment for primary total knee arthroplasty with minimum 2 years follow-up: a systematic review

SICOTJ, 2020;6:18. doi: 10.1051/sicotj/2020014.

7. Sappey-Marinier E, Batailler C, Swan J, Malatray M, Cheze L, Servien E, Lustig S.
Primary osteoarthritic knees have more varus coronal alignment of the femur compared to young non-arthritic knees in a large cohort study

Knee Surg Sports Traumatol Arthrosc. 2022 Feb;30(2):428-436. doi: 10.1007/s00167-020-06083-5.

8. Sappey-Marinier E, Batailler C, Swan J, Servien E, Lustig S.

No clinical benefit from gender-specific total knee replacement implants: a systematic review

SICOTJ, 2020;6:25. doi: 10.1051/sicotj/2020023.

9. Ferry T, Batailler C, Brosset S, Kolenda C, Goutelle S, Sappey-Marinier E, Josse J, Laurent F, Lustig S; Lyon BJI Study Group.

Medical innovations to maintain the function in patients with chronic PJI for whom explantation is not desirable: a pathophysiology-, multidisciplinary-, and experience-based approach

SICOTJ, 2020;6:25. doi: 10.1051/sicotj/2020023.

10. Triffault-Fillit C, Mabrut E, Corbin K, Braun E, Becker A, Goutelle S, Chaudier P, Fessy MH, Dupieux C, Laurent F, Gunst S, Lustig S, Chidiac C, Ferry T, Valour F. on behalf of the Lyon BJI Study Group

Tolerance and microbiological efficacy of cefepime or piperacillin/tazobactam in combination with vancomycin as empirical antimicrobial therapy of prosthetic joint infection: a propensity-matched cohort study

J Antimicrob Chemother, 2020 Aug;75(8):2299-2306.

11. Sappey-Marinier E, Swan J, Maucourt-Boulch D, Batailler C, Malatray M, Neyret P, Lustig S, Servien E.

No significant clinical and radiological differences between fixed versus mobile bearing total knee replacement using the same semi-constrained implant type: a randomized controlled trial with mean 10 years follow-up

Knee Surg Sports Traumatol Arthrosc. 2022 Feb;30(2):603-611. doi: 10.1007/s00167-020-06346-1.

12. Schmidt A, Barnavon T, Lording T, Sappey-Marinier E, Batailler C, Servien E, Lustig S.

Lateral unicompartmental knee arthroplasty is a safe procedure for post-traumatic osteoarthritis after lateral tibial plateau fracture: a case-control study at 10-year follow-up

Knee Surg Sports Traumatol Arthrosc. 2021 Nov;29(11):3654-3663. doi: 10.1007/s00167-020-06359-w.

13. Batailler C, Swan J, Sappey-Marinier E, Servien E, Lustig S.

New Technologies in Knee Arthroplasty: Current Concepts

J Clin Med. 2020 Dec 25;10(1):47. doi: 10.3390/jcm10010047.

14. Erard J, Batailler C, Swan J, Sappey-Marinier E, Servien E, Lustig S.

Lateral approach total knee arthroplasty achieves equivalent patellar tracking in severe valgus deformity compared to mild valgus deformity

Knee Surg Sports Traumatol Arthrosc. 2022 Feb;30(2):740-752. doi: 10.1007/s00167-021-06451-9.

15. Garreau R, Bricca R, Gagnieu M-C, Roux S, Conrad A, Bourguignon L, Ferry T, Goutelle S on behalf of the Lyon BJI Study Group

Population pharmacokinetics of daptomycin in patients with bone and joint infection: minimal effect of rifampicin co-administration and confirmation of a sex difference

J Antimicrob Chemother, 2021. Apr 13;76(5):1250-1257.

16. Deroche E, Batailler C, Swan J, Sappey-Marinier E, Neyret P, Servien E, Lustig S.

No difference between resurfaced and non-resurfaced patellae with a modern prosthesis design: a prospective randomized study of 250 total knee arthroplasties

Knee Surg Sports Traumatol Arthrosc. 2022 Mar;30(3):1025-1038. doi: 10.1007/s00167-021-06521-y.

17. Lustig S, Sappey-Marinier E, Fary C, Servien E, Parratte S, Batailler C.

Personalized alignment in total knee arthroplasty: current concepts

SICOTJ, 2021;7:19. doi :10.1051/sicotj/2021021

18. Bernard-de-Villeneuve F, Kayikci K, Sappey-Marinier E, Lording T, Batailler C, Servien E, Lustig S.

Health economic value of CT scan based robotic assisted UKA: a systematic review of comparative studies

Arch Orthop Trauma Surg, 2021 Dec;141(12):2129-2138. doi: 10.1007/s00402-021-04066-w.

19. Sappey-Marinier E, Batailler C, Swan J, Schmidt A, Cheze L, MacDessi SJ, Servien E, Lustig S.

Mechanical alignment for primary TKA may change both knee phenotype and joint line obliquity without influencing clinical outcomes: a study comparing restored and unrestrained joint line obliquity

Knee Surg Sports Traumatol Arthrosc. 2022 Aug;30(8):2806-2814. doi: 10.1007/s00167-021-06674-w.

20. Chauvelot P, Dupieux-Chabert C, Abad L, Souche A, Ferry T, Josse J, Laurent F, Valour F; Lyon BJI Study Group.

Evaluation of intraosteoblastic activity of dalbavancin against Staphylococcus aureus in an ex vivo model of bone cell infection.

J Antimicrob Chemother. 2021 Oct 11;76(11):2863-2866. doi: 10.1093/jac/dkab299.

21. Sappey-Marinier E, Shatrov J, Batailler C, Schmidt A, Servien E, Marchetti E, Lustig S.
Restricted kinematic alignment may be associated with increased risk of aseptic loosening for posterior-stabilized TKA: a case-control study
Knee Surg Sports Traumatol Arthrosc. 2022 Aug;30(8):2838-2845. doi: 10.1007/s00167-021-06714-5.
22. Batailler C, Swan J, Sappey-Marinier E, Servien E, Lustig S.
Current role of intraoperative sensing technology in total knee arthroplasty
Arch Orthop Trauma Surg, 2021 Aug 24. doi : 10.1007/s00402-021-04130-5.
23. Sappey-Marinier E, Fratini S, Kremer H, Shatrov J, Batailler C, Servien E, Lustig S.
Similar outcomes to primary total knee arthroplasty achievable for aseptic revision using the same primary posterior-stabilised prosthesis at a mean follow-up of 49 months
Knee Surg Sports Traumatol Arthrosc. 2022 Aug;30(8):2854-2861. doi: 10.1007/s00167-021-06716-3.
24. Barnoud W, Schmidt A, Swan J, Sappey-Marinier E, Batailler C, Servien E, Lustig S.
Condylar constrained knee prosthesis and rotating hinge prosthesis for revision total knee arthroplasty for mechanical failure have not the same indications and same results.
SICOT J. 2021;7:45. doi: 10.1051/sicotj/2021046.
25. Ferry T, Kolenda C, Briot T, Lustig S, Leboucher G, Laurent F; Lyon BJI study group; PHAGEinLYON Study Group.
Implementation of a complex bone and joint infection phage therapy centre in France: lessons to be learned after 4 years' experience.
Clin Microbiol Infect. 2021 Oct 5;S1198-743X(21)00556-5.
26. Bordes M, Sappey-Marinier E, Batailler C, Lustig S, Servien E.
Autologous osteochondral transplantation for focal femoral condyle defects: Comparison of mosaicplasty by arthrotomy vs. arthroscopy
Orthop Traumatol Surg Res. 2022 May;108(3):103102. doi: 10.1016/j.otsr.2021.103102.

27. Meynard P, Malatray M, Sappey-Marinier E, Magnussen RA, Bodiou V, Lustig S, Servien E.

Medial patellofemoral ligament reconstruction for recurrent patellar dislocation allows a good rate to return to sport.

Knee Surg Sports Traumatol Arthrosc. 2022 Jun;30(6):1865-1870. doi: 10.1007/s00167-021-06815-1.

28. Fournier G, Bernard C, Cievet-Bonfils M, Kenney R, Pingon M, Sappey-Marinier E, Chazaud B, Gondin J, Servien E.

Sex differences in semitendinosus muscle fiber-type composition.

Scand J Med Sci Sports. 2022 Apr;32(4):720-727. doi: 10.1111/sms.14127. Epub 2022 Jan 20.

29. Sappey-Marinier E, Meynard P, Shatrov J, Schmidt A, Cheze L, Batailler C, Servien E, Lustig S.

Kinematic alignment matches functional alignment for the extension gap: a consecutive analysis of 749 primary varus osteoarthritic knees with stress radiographs.

Knee Surg Sports Traumatol Arthrosc. 2022 Sep;30(9):2915-2921. doi: 10.1007/s00167-021-06832-0.

30. Shatrov J, Sappey-Marinier E, Kafelov M, Gunst S, Batailler C, Servien E, Lustig S.

Similar outcomes including maximum knee flexion between mobile bearing condylar-stabilised and fixed bearing posterior-stabilised prosthesis: a case control study.

J Exp Orthop. 2022 Feb 15;9(1):17. doi: 10.1186/s40634-022-00456-0.

31. Derreveaux V, Schmidt A, Shatrov J, Sappey-Marinier E, Batailler C, Servien E, Lustig S.

Combined procedures with unicompartmental knee arthroplasty: High risk of stiffness but promising concept in selected indications.

SICOT J. 2022;8:4. doi: 10.1051/sicotj/2022002.

32. Shatrov J, Batailler C, Sappey-Marinier E, Gunst S, Servien E, Lustig S.

Functional Alignment Philosophy in Total Knee Arthroplasty - Rationale and technique for the varus morphotype using a CT based robotic platform and individualized planning.

SICOT J. 2022;8:11. doi: 10.1051/sicotj/2022010.

33. Batailler C, Shatrov J, Sappey-Marinier E, Servien E, Parratte S, Lustig S.

Artificial intelligence in knee arthroplasty: current concept of the available clinical applications.

Arthroplasty. 2022 May 2;4(1):17. doi: 10.1186/s42836-022-00119-6.

34. Miallhes P, Conrad A, Sobas C, Laurent F, Lustig S, Ferry T; Lyon BJI study group.

Coxiella burnetti prosthetic joint infection in an immunocompromised woman: iterative surgeries, prolonged ofloxacin-rifampin treatment and complex reconstruction were needed for the cure.

Arthroplasty. 2021 Dec 2;3(1):43. doi: 10.1186/s42836-021-00097-1.

35. Danjou W, Chabert P, Perpoint T, Pradat P, Miallhes P, Boibieux A, Becker A, Fuchsmann C, Laurent F, Tringali S, Roux S, Triffault-Fillit C, Valour F, Ferry T; Lyon Bone and Joint Infection Study Group.

Necrotizing external otitis: analysis of relapse risk factors in 66 patients managed during a 12 year period.

J Antimicrob Chemother. 2022 Aug 25;77(9):2532-2535. doi: 10.1093/jac/dkac193.

36. Shatrov J, Batailler C, Sappey-Marinier E, Gunst S, Servien E, Lustig S.

Kinematic alignment fails to achieve balancing in 50% of varus knees and resects more bone compared to functional alignment.

Knee Surg Sports Traumatol Arthrosc. 2022 Sep;30(9):2991-2999. doi: 10.1007/s00167-022-07073-5.

37. Shatrov J, Vialla T, Sappey-Marinier E, Schmidt A, Batailler C, Lustig S, Servien E.

At 10-Year Minimum Follow-up, One-third of Patients Have Patellofemoral Arthritis After Isolated Medial Patellofemoral Ligament Reconstruction Using Gracilis Tendon Autograft.

Arthroscopy. 2022 Aug 18:S0749-8063(22)00483-2. doi: 10.1016/j.arthro.2022.07.021.

38. Cazor A, Schmidt A, Shatrov J, Alqahtani T, Neyret P, Sappey-Marinier E, Batailler C, Lustig S, Servien E.

Less risk of conversion to total knee arthroplasty without significant clinical and survivorship difference for opening-wedge high tibial osteotomies in varus knee deformities at 10-year minimum follow-up compared to closing-wedge high tibial osteotomies.

Knee Surg Sports Traumatol Arthrosc. 2022 Aug 29. doi: 10.1007/s00167-022-07122-z.

39. Fernandez A, Sappey-Marinier E, Lavoie F, Batailler C, Servien E, Lustig S.

Arthroscopic-assisted robotic bi-unicompartmental knee arthroplasty: a pilot cadaveric study.

Arch Orthop Trauma Surg. 2022 Oct 17. doi: 10.1007/s00402-022-04647-3.

40. Sappey-Marinier E, Howell SM, Nedopil AJ, Hull ML.

The Trochlear Groove of a Femoral Component Designed for Kinematic Alignment Is Lateral to the Quadriceps Line of Force and Better Laterally Covers the Anterior Femoral Resection Than a Mechanical Alignment Design.

J Pers Med. 2022 Oct 16;12(10):1724.

41. Sappey-Marinier E, Wu A. S, Bini A. S.

Kinematic Alignment of Failed Mechanically Aligned Total Knee Arthroplasty Restored Constitutional Limb Alignment and Improved Clinical Outcomes: A Case Report of 7 Patients

J Pers Med. 2022 Oct 28;12(11):1780.

42. Fernandez A, Sappey-Marinier E, Shatrov J, Batailler C, Neyret P, Hutten D, Servien E, Lustig S.

Preoperative flexion contracture does not affect outcome in total knee arthroplasty: A case-control study of 2,634 TKAs.

Orthop Traumatol Surg Res. 2023 Mar 14;103592. doi: 10.1016/j.otsr.2023.103592.

43. Sappey-Marinier E, Howell SM, Nedopil AJ, Hull ML.

A Torn or Reconstructed Anterior Cruciate Ligament Does Not Adversely Affect Clinical Outcome Scores and the Incidence of Reoperation After Unrestricted Kinematically Aligned Total Knee Arthroplasty

J Arthroplasty. 2023 Jun 13;S0883-5403(23)00656-3. doi: 10.1016/j.arth.2023.06.018.

44. Howell SM, Sappey-Marinier E, Niesen AE, Nedopil AJ, Hull ML.

Better forgotten joint scores when the angle of the prosthetic trochlea is lateral to the quadriceps vector in kinematically aligned total knee arthroplasty

Knee Surg Sports Traumatol Arthrosc. 2023 Oct 4. doi: 10.1007/s00167-023-07598-3.

45. Sappey-Marinier E, Bini A. S.

Unrestricted kinematic alignment corrects fixed flexion contracture in robotically aligned total knees without raising the joint line in extension

J Exp Orthop. 2023 Nov 11;10(1):114.

46. Sappey-Marinier E, Fernandez A, Shatrov J, Batailler C, Servien E, Hutten D, Lustig S.

Management of fixed flexion contracture in primary total knee arthroplasty: recent systematic review

SICOT J. 2024;10:11. doi: 10.1051/sicotj/2024007.

47. Sappey-Marinier E, Beel W; ReSurg; Bonnin MP, Aït-Si-Selmi T.

Better operating room efficiency and reduced staff demand: Individualised versus off-the-shelf total knee arthroplasty

Knee Surg Sports Traumatol Arthrosc. 2024 Jun 12. doi: 10.1002/ksa.12233.

48. Beel W, Sappey-Marinier E, Latifi R; ReSurg; Aït-Si-Selmi T, Bonnin MP.

Individualised compared to off-the-shelf total knee arthroplasty results in lower and less variable patellar tilt

Knee Surg Sports Traumatol Arthrosc. 2024 Jun 12. doi: 10.1002/ksa.12234.

49. Sappey-Marinier E, Bouguerra M ; Chapuis R ; ReSurg; Aït-Si-Selmi T, Bonnin MP.

Patient-reported outcome measures following individualised TKA are not affected by the degree of preoperative coronal varus or valgus laxity

Knee Surg Sports Traumatol Arthrosc. 2024 Nov 5. doi: 10.1002/ksa.12508.

50. Portela-Parra E, Sappey-Marinier E, Julian K, Bini SA.

Clinical Outcomes of Hip Abductor Repair Using Transosseous Sutures Versus Suture Anchors: A Systematic Review and Meta-analysis

Orthop J Sports Med. 2025 Jan 1;13(1):23259671241290320.

doi:10.1177/23259671241290320.

51. Jeremic DV, Bellemans J, Sappey-Marinier E, Howell SM, Hettwer W, Hull ML.

Medial Deviation of a 6° Prosthetic Trochlear Groove After Kinematically Aligned Total Knee Arthroplasty Occurs in Four Types of Coronal Plane Alignment of the Knee (CPAK) and Decreases the Forgotten Joint Score

Arthroplast Today. 2024 Dec 12;30:101569. doi: 10.1016/j.artd.2024.101569.

Presentations at National and International Meetings

- **Influence of the alignment technique (MA, KA, FA) on soft tissue balance**

Sappey-Marinier E

PAS congress. 2023, Bordeaux meeting 1-2 December 2023.

- **Unrestricted Kinematic Alignment Corrects Fixed Flexion Contracture in robotically assisted Total Knees Without Raising the Joint Line in Extension**

Sappey-Marinier E, Bini S.

PAS congress. 2023, Bordeaux meeting 1-2 December 2023.

- **L'alignement cinématique sans restriction après prothèse totale de genou robotique corrige le flexum préopératoire sans modifier l'inteligne articulaire en extension**

Sappey-Marinier E, Bini S.

Société Française de Chirurgie Orthopédique et Traumatologique (SOFECOT), Paris 2023

- **Un ligament croisé antérieur rompu ou reconstruit n'a pas d'effet négatif sur les résultats cliniques et l'incidence de reprise chirurgicale après prothèse totale de genou avec alignement cinématique sans restriction**

Sappey-Marinier E, Howell SM, Nedopil AJ, Hull ML.

Société Française de Chirurgie Orthopédique et Traumatologique (SOFECOT), Paris 2023

- **Une déviation médiale plus fréquente de la trochlée prothétique dans les PTG avec alignement cinématique que mécanique permet néanmoins d'obtenir des résultats élevés**

Sappey-Marinier E, Howell SM, Nedopil AJ, Hull ML.

Société Française de Chirurgie Orthopédique et Traumatologique (SOFECOT), Paris 2023

- **What clinical evidence backs pure KA versus restricted KA ?**

Sappey-Marinier E, Bini S.

1st Virtual Meeting PAS congress. 2022, Virtual Meeting. 5-6 December 2022.

- **Kinematic alignment matches functional alignment for the extension gap: a consecutive analysis of 749 primary varus osteoarthritic knees with stress radiographs.**

Batailler C, Sappey-Marinier E, Meynard P, Shatrov J, Schmidt A, Cheze L, Servien E, Lustig S.

23rd Annual EFORT congress. Lisbon, Portugal, 22-24 June 2022.

- **Kinematic alignment matches functional alignment for the extension gap: a consecutive analysis of 749 primary varus osteoarthritic knees with stress radiographs.**

Shatrov J, Sappey-Marinier E, Meynard P, Schmidt A, Cheze L, Batailler C, Servien E, Lustig S.

20th ESSKA congress. Paris, France, 27-29 April 2022.

- **Résultats après reconstruction isolée du ligament fémoro-patellaire médial : suivi minimum de 10 ans**

Shatrov J, Sappey-Marinier E, Violla T, Schmidt A, Batailler C, Lustig S, Servien E.

Société Française de Chirurgie Orthopédique et Traumatologique (SOFECOT), Paris 2022

- **Is restoring knee phenotype and joint line obliquity important after primary TKA ?**

Sappey-Marinier E, Cheze L, Batailler C, MacDessi S, Servien E, Lustig S.
ISAKOS Global Congress 2021, Virtual Meeting. 27-28 november 2021.

- **Return to sports following medial patellofemoral ligament reconstruction for recurrent patellar dislocation**

Sappey-Marinier E, Meynard P, Malatray M, Magnussen R, Lustig S, Servien E.
ISAKOS Global Congress 2021, Virtual Meeting. 27-28 november 2021.

- **Clinical Outcomes and Predictive Factors for Failure with Isolated MPFL Reconstruction for Recurrent Patellar Instability: A Series of 213 Reconstructions With a Minimum Follow-up of Three Years.**

Thaunat M, Sappey-Marinier E, Sonnery-Cottet B, O'Loughlin P, Ouanezar H, Reina Fernandes L, Kouevidjin K.

ISAKOS Global Congress 2021, Virtual Meeting. 27-28 november 2021.

- **Intérêt de la restauration du phénotype du genou et de l'obliquité de l'interligne après PTG de première intention.**

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