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Curriculum Vitae

Cécile Batailler
Orthopaedic Surgeon, MD, PhD.



Civil Status.

Name	Cécile Batailler
Birth date	May 27, 1988 in Nantua (01)
Nationality	French

Medical cursus.

Claude Bernard University – Lyon 1

2006	Competitive examination after the first year of medicine Successful in Lyon Rank: 6/688
2006-2012	First and second cycles of medical studies in CHU Lyon
2012	Final national competitive examination of second cycle (Examen Classant National) Successful Rank: 165/7658 Choice: General surgery in Lyon

Stages as resident in the Hôpitaux de Lyon since 2012:

1^{ere} Year 2012-2013

Nov. 2012 - May 2013: Pediatric visceral surgery in HFME – Pr. Mouriquand

May 2013 - Nov. 2013: Pediatric orthopaedic surgery in HFME – Pr. Chotel

2^e Year 2013-2014

Nov. 2013 - May 2014: Orthopaedic surgery in Orthoclinic – MD Dejour and Bonin

May 2014 - Nov. 2014: Orthopaedic surgery in Edouard Herriot Hospital – Pr Guyen

3^e Year 2014-2015

Nov. 2014 - May 2015: Orthopaedic surgery in Desgenettes Hospital – MD Chauvin

May 2015 - Nov. 2015: Orthopaedic surgery in Centre Albert Trillat – Pr. Neyret

4^e Year 2015-2016

Nov. 2015 – May 2016: Orthopaedic surgery in Renee Sabran Hospital – MD Martres

May 2016 – Nov. 2016: Orthopaedic surgery in Lyon Sud Hospital – Pr. Fessy

5^o Year 2016-2017

Nov. 2016 – May 2017: Hip surgery in Luzern Kantonsspital, Switzerland – Pr. Beck (Fellowship)

May 2017 - Nov. 2017: Orthopaedic surgery in Croix Rousse hospital – Pr. Servien

Fellowship in knee and hip surgery since 2017 at the department of orthopaedic surgery in Croix Rousse hospital – Prs Servien and Lustig.

Diplomas.

- 2018-2020** Scientific Thesis
Unicompartmental Knee arthroplasty and Walking analysis
Thesis director: Pr. Lustig
Successful on 15 December 2020
- 2017-2018** Master II of science in Biomechanics
Comparison of the static alignment and the dynamic alignment of the lower limb for patients with medial femorotibial osteoarthritis.
Pr Lustig
- 2016** Medicine Thesis
Total hip arthroplasty using direct anterior approach and dual mobility cup: safe and efficient strategy against post-operative dislocation.
Thesis director: Pr. Lustig
Successful with First Class Honours and jury's congratulations
- 2015-2016** Inter university diploma "Arthroscopy" Pr. Neyret.
Research paper: "ACL reconstruction with BTB graft: Technical evolution for combined anterolateral and intra-articular stabilization." - Pr Lustig.
Prize for the best research paper at SFA 2016
- 2015** General Surgery Diploma (DES).
Successful in Lyon - Specialization: Orthopaedic surgery
- 2014-2015** Inter university diploma "Locomotor diseases secondary to sportive practice" - Pr Servien.
- 2010** Master I of Science
- 2008-2009: Certificate in "Anatomy, imaging and morphogenesis" – Pr Cotton.
- 2009-2010: Certificate in "Psychobiologie" – Pr D'Amato.
- 2006** Scientific "Baccalauréat" (High School Certificate), specialized in physics and chemistry, with honors.

Society membership.

- French Society of Orthopaedic and Trauma Surgery (SoFCOT)
- French Society of Arthroscopy (SFA)
- International Society for Hip Arthroscopy (ISHA)
- European Hip Society (EHS)

Publications.

- **Book chapter**

- 2015** Batailler C., Wegrzyn J., Guyen O.,
Surgery of bone metastases. In *Oncology referential of Rhône Alpes Auvergne – Bone metastases - 2ème Edition*.
- 2015** Bonin N., Guicherd W., Batailler C.,
Pathologie cartilagineuse de la hanche. Physiopathologie, diagnostic, traitement, indications et résultats.
In “L’Arthroscopie”. SFA 2015. Ed. Elsevier Masson: 696-710.
- 2015** Batailler C., Sappey-Marinier E., Bonin N.,
Complications of femoroacetabular impingement surgery - a highlight of common complications in published literature.
In “Diagnosis and management of femoroacetabular impingement. An evidence-based approach.” Editors: Ayeni O. R., Karlsson J., Philippon M. J., Safran M. R. 2016. Ed. Springer. Chap. 17: 229-240.
- 2015** Batailler C., Wascher D., Neyret P.,
Meniscal traumatic lesions in ACL deficient knee: masterly neglect, repair or meniscectomy.
In “Meniscus book” of Hulet C., Pereira H., Peretti G., Denti M.. ESSKA 2016. Ed. Springer-Verlag. Chap 7.2. : 379-392.
- 2016** Batailler C., Lustig S., Wascher D., Servien E., Neyret P.,
Anterolateral ligament history and surgical techniques.
In “Anterior cruciate ligament” 17th journées lyonnaises de chirurgie du genou. 2016.
- 2017** Batailler C., Wascher D., Landreau P., Neyret P.,
Historical Overview of Lateral Tenodesis Procedures and State of the Art in 2016.
In “Operative Techniques in Orthopaedics”. 2017. Ed. Elsevier.
- 2017** Batailler C., Lustig S., Butcher C., Neyret P.,
La prothèse douloureuse : les attentes du chirurgien.
In “Le Genou” (Société d’Imagerie Musculo-Squelettique). Ed Sauramps Medical.
- 2017** Batailler C., Servien E., Magnussen R., Lustig S., Neyret P.,
Return to play following meniscus injuries.
In “Return to Play in Football: An Evidence-Based Approach.” Editors: Musahl V., Karlsson J., Krutsch W., Mandelbaum B., D’Hooghe P. and Espregueira-Mendes J. Congress book of ESSKA 2018.

- 2017** Batailler C., Darwich N., Cerciello S., Neyret P.,
“Le menu à la carte” in patella instability.
In “Aspetar Sports Medicine Journal”.
- 2017** Batailler C., Lustig S.,
Voie antérieure: les difficultés sans table orthopédique.
In “La prothèse totale de hanche dans tous ses états.” Monographie Cahiers d’enseignement
de la Sofcot. Editors: Hutten D. and Mertl P. Ed. Elsevier Masson.
- 2017** Batailler C., Haynes J., Bankhead C., Fricka K., Servien E., Hamilton W., Lustig S.
“The Surgical Steps for Lateral Partial Knee Arthroplasty.”
In “Partial Knee Arthroplasty - An International Contemporary Approach”. Editors:
Argenson JN. et Dalury D.
- 2017** Batailler C., White N., Lustig S.,
“Bicompartmental Knee Arthroplasty Techniques: Navio.”
In “Robotics in Knee and Hip Arthroplasty: Current Concepts, Techniques and Emerging
Uses”. Editor: Lonner JH.

• **Articles (points SIGAPS : 787 ; h-index : 11)**

- 2016** Batailler C., Lustig S., Servien E., Neyret P.,
Examen Clinique du genou (Pathologies ligamentaires et méniscales).
Maîtrise Orthopédique. August/September 2016. N°256 (1)
- 2016** Sonnery-Cottet B., Zayni R., Lustig S., Batailler C., Elmajri K., Neyret,
Le ligament antérolatéral du genou.
Maîtrise Orthopédique. August/September 2016. N°256 (2)
- 2016** Batailler C., Fary C., Batailler P., Servien E., Neyret P., Lustig S.
Total hip arthroplasty using direct anterior approach and dual mobility cup: safe and efficient
strategy against post-operative dislocation.
Int Orthop. 2016 Nov 16. doi:10.1007/s00264-016-3333-x
- 2016** Batailler C., Fary C., Verdier R., Aslanian T., Caton J., Lustig S.
The evolution of outcomes and indications for the dual-mobility cup: a systematic review.
Int Orthop. 2016 Dec 21. doi: 10.1007/s00264-016-3377-y.
- 2016** Lebon J., Batailler C., Wargny M., Choufani E., Violas P., Fron D., Kieffer J., Accadbled
F., Cunin V., De Gauzy J.S.
Magnetically controlled growing rod in early onset scoliosis: a 30-case multicenter study.
Eur Spine J. 2016 Dec 31. doi: 10.1007/s00586-016-4929-y.

- 2017** Musahl V, Getgood A, Neyret P, Claes S, Burnham JM, Batailler C, Sonnery-Cottet B, Williams A, Amis A, Zaffagnini S, Karlsson J.
Contributions of the anterolateral complex and the anterolateral ligament to rotatory knee stability in the setting of ACL Injury: a roundtable discussion.
Knee Surg Sports Traumatol Arthrosc. 2017 Apr; 25(4):997-1008.
doi: 10.1007/s00167-017-4436-7. Epub 2017 Mar 12.
- 2017** Cerciello S, Lustig S, Servien E, Batailler C, Neyret P.
Correction of Tibial Valgus Deformity.
J Knee Surg. 2017 Jun;30(5):421-425. doi: 10.1055/s-0037-1603504.
- 2017** Reynaud O, Batailler C, Lording T, Lustig S, Servien E, Neyret P.
Three-dimensional CT analysis of femoral tunnel position after ACL reconstruction. A prospective study of one hundred and thirty five cases.
Int Orthop. 2017 Nov;41(11):2313-2319. doi: 10.1007/s00264-017-3596-x.
- 2017** Herry Y., Batailler C., Lording T., Servien E., Neyret S., Lustig S.
Improved joint line restitution in unicompartmental knee arthroplasty using a robotic-assisted surgical technique.
Int Orthop. 2017 Nov; 41: 2265-2271. doi: 10.1007/s00264-017-3633-9.
- 2017** Panisset JC, Pailhé R, Schlatterer B, Sigwalt L, Sonnery-Cottet B, Lutz C, Lustig S, Batailler C, Bertiaux S, Ehkirch FP, Colombet P, Steltzlen C, Louis ML, D'ingrado P, Dalmay F, Imbert P, Saragaglia D; French Arthroscopy Society.
Short-term complications in intra- and extra-articular anterior cruciate ligament reconstruction. Comparison with the literature on isolated intra-articular reconstruction. A multicenter study by the French Arthroscopy Society.
OTSR. 2017 Dec;103(8S):S231-S236. doi: 10.1016/j.otsr.2017.09.006.
- 2017** Imbert P, Lustig S, Steltzlen C, Batailler C, Colombet P, Dalmay F, Bertiaux S, D'ingrado P, Ehkirch FP, Louis ML, Pailhé R, Panisset JC, Schlatterer B, Sonnery-Cottet B, Sigwalt L, Saragaglia D, Lutz C; French Arthroscopy Society.
Midterm results of combined intra- and extra-articular ACL reconstruction compared to historical ACL reconstruction data. Multicenter study of the French Arthroscopy Society.
OTSR. 2017 Dec; 103(8S):S215-S221. doi: 10.1016/j.otsr.2017.09.005.
- 2017** Batailler C, Bonin N, M Wettstein, Nogier A, Martres S, Ollier E, May O, Lustig S; French Arthroscopy Society (SFA).
Outcomes of cup revision for ilio-psoas impingement after total hip arthroplasty: Retrospective study of 46 patients.
OTSR. 2017 Dec; 103(8):1147-1153. doi: 10.1016/j.otsr.2017.07.021.
- 2017** Bonin N, Gedouin JE, Pibarot V, Bejui-Hughes J, Bothorel H, Saffarini M, Batailler C.
Proximal femoral anatomy and collared stems in hip arthroplasty: is a single collar size sufficient?
J Exp Orthop. 2017 Oct 3;4(1):32. doi: 10.1186/s40634-017-0107-3.

- 2018** Cerciello S, Batailler C, Darwich N, Neyret P.
Extra-Articular Tenodesis in Combination with Anterior Cruciate Ligament Reconstruction: An Overview.
Clin Sports Med. 2018 Jan; 37(1):87-100. doi: 10.1016/j.csm. 2017.07.006.
- 2018** Batailler C, Lustig S, Reynaud O, Neyret P, Servien E.
Complications and revision surgeries in two extra-articular tenodesis techniques associated to anterior cruciate ligament reconstruction. A case-control study.
OTSR. 2018 Apr;104(2):197-201. doi: 10.1016/j.otsr.2017.10.019
- 2018** Ode Q., Gaillard R., Batailler C., Herry Y., Neyret P., Servien E., Lustig S.
Fewer complications after UKA than TKA in patients over 85 years of age: a case-control study.
OTSR. 2018 Apr 20. doi: 10.1016/j.otsr.2018.02.015.
- 2018** Batailler C., Weidner J., Wyatt M., Dalmay F., Beck M.
Position of the greater trochanter and functional femoral antetorsion.
Bone Joint J. 2018 Jun 1;100-B(6):712-719. doi: 10.1302/0301-620X.100B6.BJJ-2017-1068.R1.
- 2018** Batailler C., Neyret P.
Trochlear dysplasia: imaging and treatment options.
EFORT Open Rev. 2018 May 21;3(5):240-247. doi: 10.1302/2058-5241.3.170058
- 2018** Batailler C., White N., Ranaldi FM., Neyret P., Servien E., Lustig S.
Improved implant position and lower revision rate with robotic-assisted unicompartmental knee arthroplasty.
KSSTA. 2019 Apr;27(4):1232-1240. doi: 10.1007/s00167-018-5081-5
- 2018** Mouton J., Gaillard R., Bankhead C., Batailler C., Servien E., Lustig S.
Increased Patellar Fracture Rate in Total Knee Arthroplasty With Preoperative Varus Greater Than 15°: A Case-Control Study.
J Arthroplasty. 2018 Dec;33(12):3685-3693. doi: 10.1016/j.arth.2018.08.001.
- 2018** Canetti R., Batailler C., Bankhead C., Neyret P., Servien E., Lustig S.
Faster return to sport after robotic-assisted lateral unicompartmental knee arthroplasty: a comparative study.
Arch Orthop Trauma Surg. 2018 Dec;138(12):1765-1771. doi:10.1007/s00402-018-3042-6.
- 2018** Batailler C., Fary C., Servien E., Lustig S.
Influence of femoral broach shape on stem alignment using anterior approach for total hip arthroplasty: A radiologic comparative study of 3 different stems.
PLoS One. 2018 Oct 5;13(10):e0204591. doi: 10.1371/journal.pone.0204591.

- 2019** Gaillard R, Bankhead C, Budhiparama N, Batailler C, Servien E, Lustig S.
Influence of Patella Height on Total Knee Arthroplasty: Outcomes and Survival.
J Arthroplasty. 2019 Mar;34(3):469-477. doi: 10.1016/j.arth.2018.10.037
- 2019** Deroche E, Batailler C, Lording T, Neyret P, Servien E, Lustig S.
High Survival Rate and Very Low Wear of Lateral Unicompartmental Arthroplasty at Long Term: A Case Series of 54 Cases at a Mean Follow-Up of 17 Years.
J Arthroplasty. 2019 Jan 29. doi: 10.1016/j.arth.2019.01.053.
- 2019** Schneider A, Gaillard R, Gunst S, Batailler C, Neyret P, Lustig S, Servien E.
Combined ACL reconstruction and opening wedge high tibial osteotomy at 10-year follow-up: excellent laxity control but uncertain return to high level sport.
Knee Surg Sports Traumatol Arthrosc. 2019 Jul. doi: 10.1007/s00167-019-05592-2
- 2019** Batailler C, Rozinthe A, Mercier M, Bankhead C, Gaillard R, Lustig S.
Return to Sport After Bilateral Single Stage Total Hip Arthroplasty Using the Direct Anterior Approach: A Case Control Study.
J Arthroplasty. 2019 Jun. doi: 10.1016/j.arth.2019.06.054.
- 2019** Gaillard R, Kenney R, Delalande JL, Batailler C, Lustig S.
Ten- to 16-Year Results of a Modern Cementless Dual-Mobility Acetabular Implant in Primary Total Hip Arthroplasty.
J Arthroplasty. 2019 Jun. doi: 10.1016/j.arth.2019.06.051.
- 2019** Gaillard R, Magnussen R, Batailler C, Neyret P, Lustig S, Servien E.
Anatomic risk factor for meniscal lesion in association with ACL rupture.
J Orthop Surg Res. 2019 Jul;14(1):242. doi: 10.1186/s13018-019-1281-z.
- 2019** Josse J, Valour F, Maali Y, Diot A, Batailler C, Ferry T, Laurent F.
Interaction Between Staphylococcal Biofilm and Bone: How Does the Presence of Biofilm Promote Prosthesis Loosening?
Front Microbiol. 2019 Jul;10:1602. doi: 10.3389/fmicb.2019.01602.
- 2019** Schmidt A, Batailler C, Fary C, Servien E, Lustig S.
Dual Mobility Cups in Revision Total Hip Arthroplasty: Efficient Strategy to Decrease Dislocation Risk.
J Arthroplasty. 2019 Sep 5. doi: 10.1016/j.arth.2019.08.060.
- 2019** Rouquette L, Batailler C, Muller B, Neyret P, Servien E, Lustig S.
Early complications and causes of revision after rotating-hinge TKA.
Arch Orthop Trauma Surg. 2019 Oct 29. doi: 10.1007/s00402-019-03290-9.

- 2019** Batailler C, Weidner J, Wyatt M, Pfluger D, Beck M.
Is the Femoro-Epiphyseal Acetabular Roof (FEAR) index on MRI a relevant predictive factor of instability in a borderline dysplastic hip?
Bone Joint J. 2019 Dec;101-B(12):1578-1584. doi: 10.1302/0301-620X.101B12.BJJ-2019-0502.R1.
- 2019** Ferry T, Trecourt A, Batailler C, Brevet M; Lyon BJI Study group.
Plasma cell infiltration in a 28-year-old patient with chronic indolent fracture-related tibial infection due to *Cutibacterium acnes*.
BMJ Case Rep. 2019 Dec 15;12(12). doi: 10.1136/bcr-2019-232345.
- 2020** Fournier G, Muller B, Gaillard R, Batailler C, Lustig S, Servien E.
Increased survival rate for primary TKA with tibial short extension stems for severe varus deformities at a minimum of 2 years follow-up.
Knee Surg Sports Traumatol Arthrosc. 2020 Jan 21. doi: 10.1007/s00167-020-05848-2.
- 2020** Batailler C, Fary C, Denjean S, Gaillard T, Lustig S.
High Midterm Survival Rate of Uncemented Total Knee Arthroplasty After High Tibial Osteotomy: A Case-Control Study.
J Arthroplasty. 2020 Jan 25. doi: 10.1016/j.arth.2020.01.054.
- 2020** Becker A, Kreitmann L, Triffaut-Fillit C, Valour F, Mabrut E, Forestier E, Lesens O, Cazorla C, Descamps S, Boyer B, Chidiac C, Lustig S, Montbarbon E, Batailler C, Ferry T.
Duration of rifampin therapy is a key determinant of improved outcomes in early-onset acute prosthetic joint infection due to *Staphylococcus* treated with a debridement, antibiotics and implant retention (DAIR): a retrospective multicenter study in France.
J Bone Jt Infect. 2020 Feb 10;5(1):28-34. doi: 10.7150/jbji.40333.
- 2020** Lustig S, Ehlinger M, Vaz G, Batailler C, Putman S, Pasquier G.
Hinged knee prostheses: To be used with due consideration, but indispensable in complex situations.
Orthop Traumatol Surg Res. 2020 Mar 17. doi: 10.1016/j.otsr.2020.03.001.
- 2020** Joseph L, Batailler C, Roger J, Swan J, Servien E, Lustig S.
Patellar component size effects patellar tilt in total knee arthroplasty with patellar resurfacing.
Knee Surg Sports Traumatol Arthrosc. 2020 Apr 9. doi: 10.1007/s00167-020-05984-9.
- 2020** Batailler C, Malemo Y, Demey G, Kenney R, Lustig S, Servien E.
Cemented vs Uncemented Femoral Components: A Randomized, Controlled Trial at 10 Years Minimum Follow-Up.
J Arthroplasty. 2020 Apr 1. doi: 10.1016/j.arth.2020.03.043

- 2020** Castoldi M, Magnussen RA, Gunst S, Batailler C, Neyret P, Lustig S, Servien E.
A Randomized Controlled Trial of Bone-Patellar Tendon-Bone Anterior Cruciate Ligament Reconstruction With and Without Lateral Extra-articular Tenodesis: 19-Year Clinical and Radiological Follow-up.
Am J Sports Med. 2020 May doi: 10.1177/0363546520914936.
- 2020** Plassard J, Masson JB, Malatray M, Swan J, Luceri F, Roger J, Batailler C, Servien E, Lustig S.
Factors lead to return to sports and recreational activity after total knee replacement - A retrospective study.
SICOT J. 2020;6:11. doi: 10.1051/sicotj/2020009.
- 2020** Luceri F, Basilico M, Batailler C, Randelli PS, Peretti GM, Servien E, Lustig S.
Effects of sagittal tibial osteotomy on frontal alignment of the knee and patellar height.
Int Orthop. 2020 May 9. doi: 10.1007/s00264-020-04580-3.
- 2020** Mergenthaler G, Batailler C, Lording T, Servien E, Lustig S.
Is robotic-assisted unicompartmental knee arthroplasty a safe procedure? A case control study.
Knee Surg Sports Traumatol Arthrosc. 2020 May 10. doi: 10.1007/s00167-020-06051-z.
- 2020** Foissey C, Batailler C, Fary C, Luceri F, Servien E, Lustig S.
Transitioning the total hip arthroplasty technique from posterior approach in lateral position to direct anterior approach in supine position-risk factors for acetabular malpositioning and the learning curve.
Int Orthop. 2020 Sep;44(9):1669-1676. doi: 10.1007/s00264-020-04583-0
- 2020** Schmidt A, Batailler C, Lording T, Badet R, Servien E; Writing Committee, Lustig S.
Why Reintervention After Total Knee Arthroplasty Fails? A Consecutive Cohort of 1170 Surgeries.
J Arthroplasty. 2020 Sep;35(9):2550-2560. doi: 10.1016/j.arth.2020.04.043
- 2020** Sappey-Marini r 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. 2020 Jun 1. doi: 10.1007/s00167-020-06083-5.
- 2020** Foissey C, Fauvernier M, Fary C, Servien E, Lustig S, Batailler C.
Total hip arthroplasty performed by direct anterior approach - Does experience influence the learning curve?
SICOT J. 2020;6:15. doi: 10.1051/sicotj/2020015.

- 2020** Neri T, Boyer B, Batailler C, Klasan A, Lustig S, Philippot R, Farizon F.
Dual mobility cups for total hip arthroplasty: tips and tricks.
SICOT J. 2020;6:17. doi: 10.1051/sicotj/2020018.
- 2020** 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.
SICOT J. 2020;6:18. doi: 10.1051/sicotj/2020014.
- 2020** Sappey-Marinier E, Swan J, Batailler C, Servien E, Lustig S.
No clinical benefit from gender-specific total knee replacement implants: a systematic review.
SICOT J. 2020;6:25. doi: 10.1051/sicotj/2020023. Epub 2020 Jul 3.
- 2020** 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.
SICOT J. 2020;6:26. doi: 10.1051/sicotj/2020021.
- 2020** Henri Bauwens P, Fary C, Servien E, Lustig S, Batailler C.
Early low complication rate of ceramic-on-ceramic total hip arthroplasty by direct anterior approach.
SICOT J. 2020;6:30. doi: 10.1051/sicotj/2020027.
- 2020** Ferry T, Batailler C, Petitjean C, Chateau J, Fevre C, Forestier E, Brosset S, Leboucher G, Kolenda C, Laurent F, Lustig S.
The Potential Innovative Use of Bacteriophages Within the DAC® Hydrogel to Treat Patients With Knee Megaprosthesis Infection Requiring "Debridement Antibiotics and Implant Retention" and Soft Tissue Coverage as Salvage Therapy.
Front Med (Lausanne). 2020 Jul 31;7:342. doi: 10.3389/fmed.2020.00342.
- 2020** Luceri F, Tamini J, Ferrua P, Ricci D, Batailler C, Lustig S, Servien E, Randelli PS, Peretti GM.
Total knee arthroplasty after distal femoral osteotomy: a systematic review and current concepts.
SICOT J. 2020;6:35. doi: 10.1051/sicotj/2020033.
- 2020** Tardy N, Steltzlen C, Bouguennec N, Cartier JL, Mertl P, Batailler C, Hanouz JL, Rochcongar G, Fayard JM; Francophone Arthroscopy Society.
Is patient-specific instrumentation more precise than conventional techniques and navigation in achieving planned correction in high tibial osteotomy?

- 2020** Batailler C, Fernandez A, Swan J, Servien E, Haddad F, Catani F, Lustig S.
MAKO CT-based robotic arm-assisted system is a reliable procedure for total knee arthroplasty: a systematic review.
Knee Surg Sports Traumatol Arthrosc. 2020 Sep 25. doi: 10.1007/s00167-020-06283-z.
- 2020** Sappey-Marini er 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. 2020 Nov 5. doi: 10.1007/s00167-020-06346-1.
- 2020** Schmidt A, Barnavon T, Lording T, Sappey-Marini er 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. 2020 Nov 9. doi: 10.1007/s00167-020-06359-w.
- 2020** Cerioli M, Batailler C, Conrad A, Roux S, Perpoint T, Becker A, Triffault-Fillit C, Lustig S, Fessy MH, Laurent F, Valour F, Chidiac C, Ferry T.
Pseudomonas aeruginosa Implant-Associated Bone and Joint Infections: Experience in a Regional Reference Center in France.
Front Med (Lausanne). 2020 Oct 26;7:513242. doi: 10.3389/fmed.2020.513242
- 2020** Ferry T, Kolenda C, Batailler C, Gustave CA, Lustig S, Malatray M, Fevre C, Josse J, Petitjean C, Chidiac C, Leboucher G, Laurent F.
Phage Therapy as Adjuvant to Conservative Surgery and Antibiotics to Salvage Patients With Relapsing S. aureus Prosthetic Knee Infection.
Front Med (Lausanne). 2020 Nov 16;7:570572. doi: 10.3389/fmed.2020.570572.
- 2020** Batailler C, Caton J, Lustig S.
Global perspective of Innovation in Hip and Knee Replacement in 2020.
SICOT J. 2020;6:E1. doi: 10.1051/sicotj/2020043
- 2020** 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.

- 2021** Foissey C, Kenney R, Luceri F, Servien E, Lustig S, Batailler C.
Greater trochanter fractures in the direct anterior approach: evolution during learning curve, risk factors and consequences.
Arch Orthop Trauma Surg. 2021 Jan 8. doi: 10.1007/s00402-020-03710-1.
- 2021** Belgaïd V, Almassri A, Batailler C, Lustig S, Servien E.
Surgical meniscal lesions in stable knee: topographic description in a prospective series of 1,424 cases.
Orthop Traumatol Surg Res. 2021 Jan 21:102812. doi: 10.1016/j.otsr.2021.102812.
- 2021** Erard J, Batailler C, Swan J, Sappey-Marini er 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. 2021 Jan 25. doi: 10.1007/s00167-021-06451-9.
- 2021** Deroche E, Batailler C, Swan J, Sappey-Marini er 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. 2021 Mar 4. doi: 10.1007/s00167-021-06521-y.
- 2021** Levast B, Benech N, Gasc C, Batailler C, Senneville E, Lustig S, Poudroux C, Boutoille D, Boucinha L, Dauchy FA, Zeller V, Maynard M, Cazanave C, Le Thi TT, Josse J, Dor e J, Laurent F, Ferry T.
Impact on the Gut Microbiota of Intensive and Prolonged Antimicrobial Therapy in Patients With Bone and Joint Infection.
Front Med (Lausanne). 2021 Mar 5;8:586875. doi: 10.3389/fmed.2021.586875
- 2021** De Leiss egues T, Gunst S, Batailler C, Kolhe G, Lustig S, Servien E.
Prevalence of trochlear dysplasia in symptomatic isolated lateral patellofemoral osteoarthritis: Transverse study of 101 cases.
Orthop Traumatol Surg Res. 2021 Mar 19:102895. doi: 10.1016/j.otsr.2021.102895.
- 2021** Batailler C, Bordes M, Lording T, Nigues A, Servien E, Calliess T, Lustig S.
Improved sizing with image-based robotic-assisted system compared to image-free and conventional techniques in medial unicompartmental knee arthroplasty.
Bone Joint J. 2021 Apr;103-B(4):610-618. doi: 10.1302/0301-620X.103B4.BJJ-2020-1453.R1.

- 2021** Kolenda C, Josse J, Batailler C, Faure A, Monteix, Lustig S, Ferry T, Laurent F, Dupieux C.
Experience With the Use of the MicroDTTect Device for the Diagnosis of Low-Grade Chronic Prosthetic Joint Infections in a Routine Setting.
Front Med (Lausanne). 2021 Mar 16;8:565555. doi: 10.3389/fmed.2021.565555.
- 2021** Lustig S, Sappey-Marinier E, Fary C, Servien E, Parratte S, Batailler C.
Personalized alignment in total knee arthroplasty: current concepts.
SICOT J. 2021;7:19. doi: 10.1051/sicotj/2021021.
- 2021** Batailler C, Lording T, Naaïm A, Servien E, Cheze L, Lustig S.
No difference of gait parameters in patients with image-free robotic-assisted medial unicompartmental knee arthroplasty compared to a conventional technique: early results of a randomized controlled trial.
Knee Surg Sports Traumatol Arthrosc. 2021 Apr 11. doi: 10.1007/s00167-021-06560-5.
- **Communications.**
- 2014** Batailler C., Cunin V.,
Résultats préliminaires d'une série de 32 scolioses à début précoce traitées par tige de croissance électromagnétique Magec®.
89^{ème} SoFCOT Congress, Paris, France, November 2014.
- 2015** Servien E., Batailler C.,
MPFL reconstructions: complications and how to manage these.
10th ISAKOS Congress, Lyon, France, June 2015.
- 2015** Neyret P., Batailler C., Schneider A., Servien E.,
Untreated ACL rupture and future osteoarthritis does surgery change the risk and treatment of ACL- deficiency in the arthritic knee?
Fisic'15, London, United Kingdom, October 2015.
- 2015** Batailler C., Dejour D., Demey G.,
False negative on MRI for medial meniscus tears, tibial plateau bone bruise is an indirect sign.
SFA Congress, Grenoble, France, December 2015.
- 2015** Neyret P., Batailler C., Servien E., Lustig S.,
Return to sport after ACL surgery. My experience and the scene in Europe.
10th Congress, ChonQing, Chine, November 2015.
- 2016** Batailler C., Neyret P., Servien E., Lustig S.,

Return to play after meniscal injuries.

Isokinetic Football Medicine Conference, London, United Kingdom, April 2016.

- 2016** Batailler C., Reynaud O., Lording T., Servien E., Lustig S., Neyret P.,
Tunnel constraints: Femoral tunnel positioning
17th Journée Lyonnaises du Genou, Lyon, France, September 2016.
- 2016** Batailler C., Servien E., Neyret P., Lustig S.,
Total hip arthroplasty using direct anterior approach and dual mobility cup: safe and efficient
strategy against post-operative dislocation.
91^{ème} SoFCOT Congress, Paris, France, November 2016.
- 2016** Batailler C., Servien E., Neyret P., Lustig S.,
ACL reconstruction with BTB graft: Technical evolution for combined anterolateral and
intra-articular stabilization.
SFA Congress, Paris, France, December 2016.
- 2016** Batailler C., Nogier A., Lustig S., Martres S.,
Acetabular revision for psoas impingement. A retrospective study.
Symposium, SFA Congress, Paris, France, December 2016.
- 2017** Batailler C., Bonin N., Guicherd W., Lustig S., May O.
Conflit iliopsoas après prothèse totale de hanche.
2nd SOFCOT E-Congress, Paris, France, April 2017.
- 2017** Batailler C., Servien E., Lustig S.,
Rationale of Dual Mobility in French and international literature.
Lyon Hip Arthroplasty Congress, Lyon, France, April 2017.
- 2018** Batailler C., Servien E., Lustig S.,
Arthrolyse arthroscopique et à ciel ouvert.
Journées lyonnaises du genou, Lyon, France, September 2018.
- 2018** Batailler C., White N., Ranaldi F., Neyret P., Servien E., Lustig S.,
Improved implant position and lower revision rate with robotic-assisted
unicompartmental knee arthroplasty. Case control study.
SoFCOT Congress, Paris, France, November 2018.
- 2018** Batailler C., Naaim A., Cheze L., Lustig S.,
Knee kinematic analysis and unicompartmental knee arthroplasty.
Biomechanical conference.
SoFCOT Congress, Paris, France, November 2018.
- 2018** Batailler C., Fary C., Servien E., Lustig S.,
Influence of femoral broach shape on stem alignment using anterior approach
for total hip arthroplasty: A radiologic comparative study of 3 different stems.

SoFCOT Congress, Paris, France, November 2018.

- 2018** Mercier M., Batailler C., Gaillard R., Rozinthe A., Servien E., Lustig S.,
Return to sport after bilateral single stage total hip arthroplasty using direct
anterior approach: a case control study.
SoFCOT Congress, Paris, France, November 2018.
- 2019** Batailler C., Sappey E., Canetti R., Neyret P., Servien E., Lustig S.
Functional and radiologic improvement after robotic-assisted lateral UKA.
A comparative study.
EFORT Congress, Lisbon, Portugal, June 2019.
- 2019** Batailler C., Pansard E., Nogier A.
Arthroscopy and total hip arthroplasty.
Education lecture – SFA Congress, Rennes, France, December 2019.
- 2019** Batailler C., Lustig S., Servien E.
Should we aim a valgus axis for the high tibial osteotomy?
Symposium, SFA Congress, Rennes, December 2019.
- 2020** Batailler C., Servien E., Lustig S.
Indications: Age, weight, activity, wear. Symposium SFA.
Journées lyonnaises du genou, Lyon, France, Septembre 2020.
- 2020** Batailler C., Servien E., Lustig S.
Technology for implant positioning. Robotic – Navio
Journées lyonnaises du genou, Lyon, France, Septembre 2020.
- 2020** Batailler C., Servien E., Lustig S.
Current state of the art – Robotic TKA – navio
Journées lyonnaises du genou, Lyon, France, Septembre 2020.

• **Posters.**

- 2013** Batailler C., Scalabre A., Hameury F.,
Embolie gazeuse cérébrale lors d'un trajet en avion chez une fille de 3
ans présentant un kyste pulmonaire.
70^{ème} SFCP Congress, St Malo, France, September 2013.
- 2015** Bonin N., Batailler C.,
Can all hip arthroscopy procedures be performed on an outpatient basis?
Protocol and results at one year.
ISHA Congress, Cambridge, UK, September 2015.

Current research

- **Prospective randomized study:** Robotic-assisted UKA versus conventional UKA (Co-Investigator).
- **Prospective randomized study:** TKA with patellar resurfacing versus TKA without patellar resurfacing.
- **Prospective study:** Assessment at short term of the gait kinematics after primary TKA (Stryker) versus after revision TKA. Prospective and controlled study (Co-Investigator).
- **Prospective randomized study:** Assessment at short term of the gait kinematics after primary TKA (Medacta) with kinematic alignment versus mechanical alignment. Prospective and randomized study (Co-Investigator).
- **Prospective randomized study:** CERAMENT®|G to promote and protect bone healing as an adjunct in one stage surgical debridement and systemic antibiotics for treatment of Cierny and Mader Type III and IV chronic Osteomyelitis (Co-Investigator).
- **Prospective study:** Protocole de recherche clinique non-interventionnelle catégorie 3 d'expertise bio-tribo-minéralogique de particules d'usure d'implants articulaires de hanche : MiNaPUIH (MInéralo Nano Pathologie Usure Implants Hanche) (Investigator).
- **Retrospective study:** Retrospective study to identify the incidence, risk factors and outcomes of prosthetic joint infection due to Staphylococcus aureus after primary knee or hip joint replacement (Investigator).

Fellowship

- **EKS Travelling Fellowship.** November 2019
- **Research fellowship - International Knee and Joint Centre, Abu Dhabi – Pr S. Parratte.** January to July 2021

Other scientific activities

Reviewer for

- **OTSR (rang D)**
- **The Knee (rang C)**
- **Clinical Orthopaedics And Related Research (rang A)**
- **KSSTA (rang B)**
- **Journal of Bone and Joint Surgery (rang A)**

Teaching activities.

- 1. Anatomy Instructor** in anatomy laboratory of Lyon Grange Blanche in 2007-2008 ; 2008-2009 ; 2009-2010.
- 2. Knee surgery course : 2017-2020.**
- 3. Orthopaedic implants course : 2017-2020.**
- 4. International course – ESTRO : 2017-2018.**
Upper limb school – Octobre 2017 – Ankara, Turquie
Lower limb school – April 2018 – Lyon, France.
- 5. Basic course of Orthopedics for French medical student in Lyon University: 2017-2020.**

Languages.

English Good working knowledge