

Professor Sébastien LUSTIG,
MD, PhD
Lyon Croix-Rousse University Hospital
Orthopaedic Surgery Department
103, Grande rue de la Croix Rousse
69004 Lyon - FRANCE
E-Mail : sebastien.lustig@gmail.com



PERSONNAL STATUS

Citizenship: French
Married, 3 children

FOREWORDS:

Born in Nancy, France, Pr Lustig completed his orthopaedic training in Lyon, and after completion of this training he spent one year studying knee surgery with Pr David Parker in Sydney, Australia. He also spent almost 3 months visiting other centres of excellence in Hip and Knee surgery in Europe (Rizzoli Institute, Bologna, Italy), Canada (Londo Ontario) and USA (including Mayo Clinic, RUSH (Chicago), HSS (New York), OrthoCarolina, Philadelphia, Columbus, Denver, San Francisco, Vail ...) including the prestigious Insall Travelling Fellowship.

Pr Lustig began his practice in Lyon in 2006 at the Albert Trillat Center in Lyon with his mentor, Professor Philippe Neyret, specializing exclusively in disorders of hip and knee joint.

He has a specific interest in research and completed his PhD in biomechanics in 2010, thanks to his work on Computer assisted surgery and Total Knee Arthroplasty. He has had over 250 original research presentations, and over 100 invited presentations at national and international conferences. He has published over 320 studies in prestigious orthopaedic journals indexed on Medline and 80 chapters in orthopaedic textbooks. He is involved in two academic degrees in France (bone and joint infection and knee surgery). Dr Lustig is actively involved in a number of international orthopaedic organizations, including board member for ISAKOS (International Society for Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine), EKS (European Knee Society) and national delegate for France in EFFORT (European Federation Of ORthopaedic and Traumatology). He is also vice president of the French Hip and Knee Society.

Thanksto these achievements, Dr Lustig was nominated as Full Professor in Orthopaedic Surgery at the University of Lyon in 2014 and chair of the Orthopaedic program for the University of Lyon.

Performing over 800 arthroplasties per year, Pr Lustig's current practice is focused on hip and knee joint replacement. He has a special interest in rapid recovery, partial knee replacement, revision surgery, robotic assisted surgery and digital orthopedics.

Outside of Orthopaedic Surgery, Pr Lustig enjoys golf, tennis, skiing, swimming, running, as well as spending time with his gorgeous wife and 3 children.

- Orthopaedic Training Lyon University, France.
- Fellowship : Sydney, Australia.
- PhD Biomechanics (2010).
- EFORT travelling Fellowship (2009).
- Insall travelling Fellowship (2010).
- ESSKA/AOSSM Travelling Fellowship (2011).

- Hip and Knee Arthroplasty.
- 320 publications Indexed on Pubmed.
- H Index = 39.
- Professor, Orthopaedic Surgery.



- Chair of the Orthopaedic Department
- Lyon North University Hospital

- Funding and Board Member European Knee Society
- Board of Director, Executive committee, ISAKOS
- Board Member, French Hip and Knee Society
(Vice President)

- Deputy Editor JBJS Am (Arthroplasty)



European
Knee
Society



ISAKOS



Société Française
de Chirurgie Hanche
et Genou



Current affiliation:

- Professor, Chair - Arthritis and Joint Replacement Department, Chair - Department of Orthopaedic Surgery (Croix-Rousse University Hospital, Lyon, France).
- Biomechanic Laboratory : « Laboratoire de Biomécanique et Mécanique des chocs » (UMR-T 9406 Ifsttar/Lyon Claude Bernard University - Chairman : Pr. David Mitton).
- Program of Orthopaedic Surgery at Lyon University (Chair).
- Surgical director : Lyon Bone Joint Infection referral center (CRIAOC Lyon).

Diplomas:

- Doctor in Medecine
- Graduate Degree in General Surgery / Graduate Degree in Orthopaedic Surgery
- University Training in Arthroscopy / University Training in Foot and Ankle Surgery
- Master Degree in Biomechanics
- PhD in Biomechanics

Fellowships:

- Fellowship in knee surgery with Pr Parker at Sydney orthopaedic Research Surgery, Sydney, Australia (1 year)
- EFORT Travelling Fellowship (2w- Europe)
- American Knee Society / Insall Travelling Fellowship (American Knee Society) (5w - USA)
- ESSKA-AOSSM Travelling Fellowship (4w - USA)

Society membership:

- ESSKA (European Society of Sports Traumatology, Knee surgery and Arthroscopy), chairman of the U45 Committee 2012-2014, Basic Science Committee 2014-2016.
- ISAKOS (International Society of Arthroscopy and Knee Orthopaedic Surgery), Knee Committee 2013-2015, Knee Arthroplasty Committee (Chair) 2017-2021 Board Member 2021-2023, Executive committee 2023-2025.
- EKS (European Knee Society) Travelling Fellowship Committee (Chair) (Board Member).
- EHS (European hip Society)
- AAOS (International Member)
- International Hip Society
- SFHG (French Hip and Knee Society) (Board Member, Vice President)
- SoFCOT (French Society of Orthopaedic and Trauma Surgery)

Awards:

- French National Collegium of orthopaedic and Trauma Surgery 2009 (1st « Gold Medal »)
- SoFCOT 2011: Best Poster presentation
- ESSKA 2012: KSSTA Best paper award
- SoFCOT 2012: Best Podium presentation
- ESSKA 2018: KSSTA Best paper award
- SoFCOT 2019: Best Podium presentation
- SoFCOT 2021 : Best Podium presentation
- EFFORT 2021 : Best Poster
- EKS 2023 : Best presentation

Peer-review journal Appointments:

- **Editorial Board:**
 - o JBJS Am (Deputy Editor)
 - o SICOT J (Chief Editor)
 - o Journal of Experimental Orthopaedics (Associate Editor)
 - o MO Journal (Chief Editor)

Publications

2006

1. Aït Si Selmi, T ; Lustig, S ; Dojcinovic, S ; Neyret, P , [Morbidity and reliability of total hip implants positioning using the posterior minimally invasive approach: a consecutive series of 100 cases]., Rev Chir Orthop Reparatrice Appar Mot, 2006, 92, 752-9
2. Lustig, S ; Servien, E ; Aït Si Selmi, T ; Neyret, P , [Factors affecting reliability of TT-TG measurements before and after medialization: A CT-scan study]., Rev Chir Orthop Reparatrice Appar Mot, 2006, 92, 429-36

2007

3. Lustig, S ; Vaz, G ; Guyen, O ; Tayot, O ; Chavane, H ; Bejui-Hugues, J & al , [Total hip arthroplasty after hip arthrodesis performed for septic arthritis]., Rev Chir Orthop Reparatrice Appar Mot, 2007, 93, 828-35

2008

4. Hannaoui, S ; Lustig, S ; Servien, E ; Aït Si Selmi, T ; Neyret, P , [Arthroscopy of the knee after unicompartmental arthroplasty]., Rev Chir Orthop Reparatrice Appar Mot, 2008, 94, 678-84
5. Servien, E ; Verdonk, PC ; Lustig, S ; Paillot, JL ; Kara, AD ; Neyret, P , Medial unicompartmental knee arthroplasty for osteonecrosis or osteoarthritis., Knee Surg Sports Traumatol Arthrosc, 2008, 16, 1038-42
6. Servien, E ; Saffarini, M ; Lustig, S ; Chomel, S ; Neyret, P , Lateral versus medial tibial plateau: morphometric analysis and adaptability with current tibial component design., Knee Surg Sports Traumatol Arthrosc, 2008, 16, 1141-5
7. Lustig, S ; Servien, E ; Biedert, R ; Neyret, P , [Isolated arthrosis of the patellofemoral joint in younger patients (<50 years)]., Orthopade, 2008, 37, 848, 850-2, 854-7
8. Debarge, R ; Lustig, S ; Neyret, P ; Ait Si Selmi, T , [Confrontation of the radiographic preoperative planning with the postoperative data for uncemented total hip arthroplasty]., Rev Chir Orthop Reparatrice Appar Mot, 2008, 94, 368-75
9. Dubrana, F ; Lecerf, G ; Nguyen-Khanh, JP ; Menard, R ; Ardouin, L ; Gibon, Y & al , [Tibial valgus osteotomy]., Rev Chir Orthop Reparatrice Appar Mot, 2008, 94, S2-21
10. Lustig, S ; Lavoie, F ; Selmi, TA ; Servien, E ; Neyret, P , Relationship between the surgical epicondylar axis and the articular surface of the distal femur: an anatomic study., Knee Surg Sports Traumatol Arthrosc, 2008, 16, 674-82

2009

11. Lustig, S ; Leray, E ; Boisrenoult, P ; Trojani, C ; Laffargue, P ; Saragaglia, D & al , Dislocation and bicruciate lesions of the knee: epidemiology and acute stage assessment in a prospective series., Orthop Traumatol Surg Res, 2009, 95, 614-20

12. Boisrenoult, P ; Lustig, S ; Bonneville, P ; Leray, E ; Versier, G ; Neyret, P & al , Vascular lesions associated with bicruciate and knee dislocation ligamentous injury., *Orthop Traumatol Surg Res*, 2009, 95, 621-6
13. Boisgard, S ; Versier, G ; Descamps, S ; Lustig, S ; Trojani, C ; Rosset, P & al , Bicruciate ligament lesions and dislocation of the knee: mechanisms and classification., *Orthop Traumatol Surg Res*, 2009, 95, 627-31
14. Lustig, S ; Paillot, JL ; Servien, E ; Henry, J ; Ait Si Selmi, T ; Neyret, P , Cemented all polyethylene tibial insert unicompartmental knee arthroplasty: a long term follow-up study., *Orthop Traumatol Surg Res*, 2009, 95, 12-21
15. Lustig, S ; Bruderer, J ; Servien, E ; Neyret, P , The bone cuts and ligament balance in total knee arthroplasty: the third way using computer assisted surgery., *Knee*, 2009, 16, 91

2010

16. Lustig, S ; Khiami, F ; Boyer, P ; Catonne, Y ; Deschamps, G ; Massin, P , Post-traumatic knee osteoarthritis treated by osteotomy only., *Orthop Traumatol Surg Res*, 2010, 96, 856-60
17. Demey, G ; Servien, E ; Pinaroli, A ; Lustig, S ; Ait Si Selmi, T ; Neyret, P , The influence of femoral cementing on perioperative blood loss in total knee arthroplasty: a prospective randomized study., *J Bone Joint Surg Am*, 2010, 92, 536-41
18. Bonneville, P ; Dubrana, F ; Galau, B ; Lustig, S ; Barbier, O ; Neyret, P & al , Common peroneal nerve palsy complicating knee dislocation and bicruciate ligaments tears., *Orthop Traumatol Surg Res*, 2010, 96, 64-9
19. Kaya Bicer, E ; Servien, E ; Lustig, S ; Demey, G ; Ait Si Selmi, T ; Neyret, P , Sagittal flexion angle of the femoral component in unicompartmental knee arthroplasty: is it same for both medial and lateral UKAs?, *Knee Surg Sports Traumatol Arthrosc*, 2010, 18, 928-33
20. Bicer, EK ; Lustig, S ; Servien, E ; Selmi, TA ; Neyret, P , Current knowledge in the anatomy of the human anterior cruciate ligament., *Knee Surg Sports Traumatol Arthrosc*, 2010, 18, 1075-84

2011

21. Weppe, F ; Magnussen, RA ; Lustig, S ; Demey, G ; Neyret, P ; Servien, E , A biomechanical evaluation of bicortical metal screw fixation versus absorbable interference screw fixation after coracoid transfer for anterior shoulder instability., *Arthroscopy*, 2011, 27, 1358-63
22. Magnussen, RA ; Weppe, F ; Demey, G ; Servien, E ; Lustig, S , Residual varus alignment does not compromise results of TKAs in patients with preoperative varus., *Clin Orthop Relat Res*, 2011, 469, 3443-50
23. Magnussen, RA ; Lustig, S ; Demey, G ; Neyret, P ; Servien, E , The effect of medial opening and lateral closing high tibial osteotomy on leg length., *Am J Sports Med*, 2011, 39, 1900-5
24. Demey, G ; Fary, C ; Lustig, S ; Neyret, P ; si Selmi, T , Does a collar improve the immediate stability of uncemented femoral hip stems in total hip arthroplasty? A bilateral comparative cadaver study., *J Arthroplasty*, 2011, 26, 1549-55
25. Greiner, P ; Magnussen, RA ; Lustig, S ; Demey, G ; Neyret, P ; Servien, E , Computed tomography

evaluation of the femoral and tibial attachments of the posterior cruciate ligament in vitro., *Knee Surg Sports Traumatol Arthrosc*, 2011, 19, 1876-83

26. Lustig, S ; Elguindy, A ; Servien, E ; Fary, C ; Munini, E ; Demey, G & al , 5- to 16-year follow-up of 54 consecutive lateral unicondylar knee arthroplasties with a fixed-all polyethylene bearing., *J Arthroplasty*, 2011, 26, 1318-25
27. Servien, E ; Fary, C ; Lustig, S ; Demey, G ; Saffarini, M ; Chomel, S & al , Tibial component rotation assessment using CT scan in medial and lateral unicompartmental knee arthroplasty., *Orthop Traumatol Surg Res*, 2011, 97, 272-5
28. Lustig, S ; Fleury, C ; Servien, E ; Demey, G ; Neyret, P ; Donell, ST , The effect of pelvic movement on the accuracy of hip centre location acquired using an imageless navigation system., *Int Orthop*, 2011, 35, 1605-10
29. Demey, G ; Servien, E ; Lustig, S ; Aït Si Selmi, T ; Neyret, P , Cemented versus uncemented femoral components in total knee arthroplasty., *Knee Surg Sports Traumatol Arthrosc*, 2011, 19, 1053-9
30. Servien, E ; Fritsch, B ; Lustig, S ; Demey, G ; Debarge, R ; Lapra, C & al , In vivo positioning analysis of medial patellofemoral ligament reconstruction., *Am J Sports Med*, 2011, 39, 134-9
31. ElGuindy, A ; Lustig, S ; Servien, E ; Fary, C ; Weppe, F ; Demey, G & al , Treatment of chronic disruption of the patellar tendon in Osteogenesis Imperfecta with allograft reconstruction., *Knee*, 2011, 18, 121-4
32. Lustig, S ; Fleury, C ; Goy, D ; Neyret, P ; Donell, ST , The accuracy of acquisition of an imageless computer-assisted system and its implication for knee arthroplasty., *Knee*, 2011, 18, 15-20

2012

33. Lustig, S ; Barba, N ; Magnussen, RA ; Servien, E ; Demey, G ; Neyret, P , The effect of gender on outcome of unicompartmental knee arthroplasty., *Knee*, 2012, 19, 176-9
34. Bouaziz, A ; Uçkay, I ; Lustig, S ; Boibieux, A ; Laurent, F ; Lew, D & al , Microbiological markers suggesting high inoculum size at time of surgery are risk factors for relapse in patients with *Staphylococcus aureus* prosthetic joint infection., *J Infect*, 2012, 65, 582-4
35. de Simone, V ; Demey, G ; Magnussen, RA ; Lustig, S ; Servien, E ; Neyret, P , Iatrogenic popliteus tendon injury during total knee arthroplasty results in decreased knee function two to three years postoperatively., *Int Orthop*, 2012, 36, 2061-5
36. Lustig, S ; Scholes, CJ ; Stegeman, TJ ; Oussedik, S ; Coolican, MR ; Parker, DA , Sagittal placement of the femoral component in total knee arthroplasty predicts knee flexion contracture at one-year follow-up., *Int Orthop*, 2012, 36, 1835-9
37. Lee, GC ; Kim, RH ; Springer, BD ; Lustig, S , Management of an infected THA., *Orthopedics*, 2012, 35, 316-9
38. Lustig, S ; Magnussen, RA ; Dahm, DL ; Parker, D , Patellofemoral arthroplasty, where are we today?, *Knee Surg Sports Traumatol Arthrosc*, 2012, 20, 1216-26
39. Lustig, S ; Magnussen, RA ; Cheze, L ; Neyret, P , The KneeKG system: a review of the literature., *Knee Surg Sports Traumatol Arthrosc*, 2012, 20, 633-8

40. Magnussen, RA ; Debieux, P ; Benjamin, B ; Lustig, S ; Demey, G ; Servien, E & al , A CT-based classification of prior ACL femoral tunnel location for planning revision ACL surgery., *Knee Surg Sports Traumatol Arthrosc*, 2012, 20, 1298-306
41. Mayer, C ; Magnussen, RA ; Servien, E ; Demey, G ; Jacobi, M ; Neyret, P & al , Patellar tendon tenodesis in association with tibial tubercle distalization for the treatment of episodic patellar dislocation with patella alta., *Am J Sports Med*, 2012, 40, 346-51
42. Al-Saati, MF ; Magnussen, RA ; Lustig, S ; Testa, R ; Al-Saati, G ; Al-Saati, F , Distraction osteogenesis using a longitudinal corticotomy., *Int Orthop*, 2012, 36, 1073-7
43. Demey, G ; Magnussen, RA ; Lustig, S ; Servien, E ; Neyret, P , Total knee arthroplasty for advanced osteoarthritis in the anterior cruciate ligament deficient knee., *Int Orthop*, 2012, 36, 559-64
44. Lustig, S ; Parratte, S ; Magnussen, RA ; Argenson, JN ; Neyret, P , Lateral unicompartmental knee arthroplasty relieves pain and improves function in posttraumatic osteoarthritis., *Clin Orthop Relat Res*, 2012, 470, 69-76
45. Vincent, JP ; Magnussen, RA ; Gezmez, F ; Uguen, A ; Jacobi, M ; Weppe, F & al , The anterolateral ligament of the human knee: an anatomic and histologic study., *Knee Surg Sports Traumatol Arthrosc*, 2012, 20, 147-52
46. Magnussen, RA ; Demey, G ; Lustig, S ; Servien, E ; Neyret, P , Total knee arthroplasty for secondary osteoarthritis following ACL reconstruction: a matched-pair comparative study of intra-operative and early post-operative complications., *Knee*, 2012, 19, 275-8
47. Gancel, E ; Magnussen, RA ; Lustig, S ; Demey, G ; Neyret, P ; Servien, E , Tunnel position following posterior cruciate ligament reconstruction: an in vivo computed tomography analysis., *Knee*, 2012, 19, 450-4

2013

48. Valour, F ; Trouillet-Assant, S ; Rasigade, JP ; Lustig, S ; Chanard, E ; Meugnier, H & al , Staphylococcus epidermidis in orthopedic device infections: the role of bacterial internalization in human osteoblasts and biofilm formation., *PLoS One*, 2013, 8, e67240
49. Lustig, S ; Scholes, CJ ; Balestro, JC ; Parker, DA , In vivo assessment of weight-bearing knee flexion reveals compartment-specific alterations in meniscal slope., *Arthroscopy*, 2013, 29, 1653-60
50. Servien, E ; Merini, A ; Lustig, S ; Neyret, P , Lateral uni-compartmental knee replacement: current concepts and future directions., *Knee Surg Sports Traumatol Arthrosc*, 2013, 21, 2501-8
51. Bistolfi, A ; Lustig, S ; Rosso, F ; Dalmaso, P ; Crova, M ; Massazza, G , Results with 98 Endo-Modell rotating hinge prostheses for primary knee arthroplasty., *Orthopedics*, 2013, 36, e746-52
52. Ferry, T ; Valour, F ; Lustig, S ; Laurent, F ; Perrin, G ; Chidiac, C & al , The challenge of infection prevention in spine surgery: an update., *Eur J Orthop Surg Traumatol*, 2013, 23 Suppl 1, S15-9
53. Trouillet-Assant, S ; Rasigade, JP ; Lustig, S ; Lhoste, Y ; Valour, F ; Guerin, C & al , Ward-specific rates of nasal cocolonization with methicillin-susceptible and -resistant Staphylococcus spp. and potential impact on molecular methicillin-resistant Staphylococcus aureus screening tests., *J Clin Microbiol*, 2013, 51, 2418-20
54. Costa, AJ ; Lustig, S ; Scholes, CJ ; Balestro, JC ; Fatima, M ; Parker, DA , Can tibial coverage in total knee replacement be reliably evaluated with three-dimensional image-based digital templating?, *Bone Joint Res*, 2013, 2, 1-8

55. Piffaut, C ; Lustig, S ; Laurent, F ; Chidiac, C ; Ferry, T , Small colony variant-producing *S aureus* prosthesis joint infection highlighted by sonication and treated with prolonged high doses of daptomycin., *BMJ Case Rep*, 2013, 2013,
56. Barbier, O ; Galaud, B ; Descamps, S ; Boisrenoult, P ; Leray, E ; Lustig, S & al , Relevancy and reproducibility of magnetic resonance imaging (MRI) interpretation in multiple-ligament injuries and dislocations of the knee., *Orthop Traumatol Surg Res*, 2013, 99, 305-11
57. Widmer, B ; Lustig, S ; Scholes, CJ ; Molloy, A ; Leo, SP ; Coolican, MR & al , Incidence and severity of complications due to femoral nerve blocks performed for knee surgery., *Knee*, 2013, 20, 181-5
58. Lustig, S ; Scholes, CJ ; Oussedik, SI ; Kinzel, V ; Coolican, MR ; Parker, DA , Unsatisfactory accuracy as determined by computer navigation of VISIONAIRE patient-specific instrumentation for total knee arthroplasty., *J Arthroplasty*, 2013, 28, 469-73
59. Lustig, S ; Scholes, CJ ; Costa, AJ ; Coolican, MJ ; Parker, DA , Different changes in slope between the medial and lateral tibial plateau after open-wedge high tibial osteotomy., *Knee Surg Sports Traumatol Arthrosc*, 2013, 21, 32-8
60. Widmer, BJ ; Scholes, CJ ; Lustig, S ; Conrad, L ; Oussedik, SI ; Parker, DA , Intraoperative computer navigation parameters are poor predictors of function 1 year after total knee arthroplasty., *J Arthroplasty*, 2013, 28, 56-61
61. Lustig, S ; Scholes, CJ ; Leo, SP ; Coolican, M ; Parker, DA , Influence of soft tissues on the proximal bony tibial slope measured with two-dimensional MRI., *Knee Surg Sports Traumatol Arthrosc*, 2013, 21, 372-9

2014

62. Magnussen, RA ; De Simone, V ; Lustig, S ; Neyret, P ; Flanigan, DC , Treatment of patella alta in patients with episodic patellar dislocation: a systematic review., *Knee Surg Sports Traumatol Arthrosc*, 2014, 22, 2545-50
63. Lustig, S ; Scholes, CJ ; Oussedik, S ; Coolican, MR ; Parker, DA , Unsatisfactory accuracy with VISIONAIRE patient-specific cutting jigs for total knee arthroplasty., *J Arthroplasty*, 2014, 29, 249-50
64. Darnis, A ; Villa, V ; Debette, C ; Lustig, S ; Servien, E ; Neyret, P , Vascular injuries during closing-wedge high tibial osteotomy: A cadaveric angiographic study., *Orthop Traumatol Surg Res*, 2014, 100, 891-4
65. Lustig, S ; Lording, T ; Frank, F ; Debette, C ; Servien, E ; Neyret, P , Progression of medial osteoarthritis and long term results of lateral unicompartmental arthroplasty: 10 to 18 year follow-up of 54 consecutive implants., *Knee*, 2014, 21 Suppl 1, S26-32
66. Valour, F ; Bouaziz, A ; Karsenty, J ; Ader, F ; Lustig, S ; Laurent, F & al , Determinants of methicillin-susceptible *Staphylococcus aureus* native bone and joint infection treatment failure: a retrospective cohort study., *BMC Infect Dis*, 2014, 14, 443
67. Debette, C ; Parratte, S ; Maucourt-Boulch, D ; Blanc, G ; Pauly, V ; Lustig, S & al , French adaptation of the new Knee Society Scoring System for total knee arthroplasty., *Orthop Traumatol Surg Res*, 2014, 100, 531-4

68. Cerciello, S ; Lustig, S ; Costanzo, G ; Neyret, P , Medial retinaculum reefing for the treatment for patellar instability., *Knee Surg Sports Traumatol Arthrosc*, 2014, 22, 2505-12
69. Valour, F ; Sénéchal, A ; Dupieux, C ; Karsenty, J ; Lustig, S ; Breton, P & al , Actinomycosis: etiology, clinical features, diagnosis, treatment, and management., *Infect Drug Resist*, 2014, 7, 183-97
70. Abdel, MP ; Oussedik, S ; Parratte, S ; Lustig, S ; Haddad, FS , Coronal alignment in total knee replacement: historical review, contemporary analysis, and future direction., *Bone Joint J*, 2014, 96-B, 857-62
71. Madelaine, A ; Villa, V ; Yela, C ; Lording, T ; Lustig, S ; Servien, E & al , Results and complications of single-stage total knee arthroplasty and high tibial osteotomy., *Int Orthop*, 2014, 38, 2091-8
72. Bytyqi, D ; Shabani, B ; Lustig, S ; Cheze, L ; Karahoda Gjurgjeala, N ; Neyret, P , Gait knee kinematic alterations in medial osteoarthritis: three dimensional assessment., *Int Orthop*, 2014, 38, 1191-8
73. Lustig, S , Patellofemoral arthroplasty., *Orthop Traumatol Surg Res*, 2014, 100, S35-43
74. Valour, F ; Blanc-Pattin, V ; Freydière, AM ; Bouaziz, A ; Chanard, E ; Lustig, S & al , Rapid detection of *Staphylococcus aureus* and methicillin resistance in bone and joint infection samples: evaluation of the GeneXpert MRSA/SA SSTI assay., *Diagn Microbiol Infect Dis*, 2014, 78, 313-5
75. Debette, C ; Lustig, S ; Servien, E ; Lording, T ; Villa, V ; Demey, G & al , Total knee arthroplasty of the stiff knee: three hundred and four cases., *Int Orthop*, 2014, 38, 285-9
76. Berard, JB ; Magnussen, RA ; Bonjean, G ; Ozcan, S ; Lustig, S ; Neyret, P & al , Femoral tunnel enlargement after medial patellofemoral ligament reconstruction: prevalence, risk factors, and clinical effect., *Am J Sports Med*, 2014, 42, 297-301
77. Valour, F ; Karsenty, J ; Bouaziz, A ; Ader, F ; Tod, M ; Lustig, S & al , Antimicrobial-related severe adverse events during treatment of bone and joint infection due to methicillin-susceptible *Staphylococcus aureus*., *Antimicrob Agents Chemother*, 2014, 58, 746-55
78. Scholes, C ; Sahni, V ; Lustig, S ; Parker, DA ; Coolican, MR , Patient-specific instrumentation for total knee arthroplasty does not match the pre-operative plan as assessed by intra-operative computer-assisted navigation., *Knee Surg Sports Traumatol Arthrosc*, 2014, 22, 660-5
79. Lording, T ; Lustig, S ; Servien, E ; Neyret, P , Chondral Injury in Patellofemoral Instability., *Cartilage*, 2014, 5, 136-44

2015

80. Barba, T ; Wach, J ; Lustig, S ; Laurent, F ; Devouassoux-Shisheboran, M ; Valour, F & al , Metallosis-associated prosthetic joint infection., *Med Mal Infect*, 2015, 45, 484-7
81. Cantin, O ; Magnussen, RA ; Corbi, F ; Servien, E ; Neyret, P ; Lustig, S , The role of high tibial osteotomy in the treatment of knee laxity: a comprehensive review., *Knee Surg Sports Traumatol Arthrosc*, 2015, 23, 3026-37
82. Peltier, A ; Lording, T ; Maubisson, L ; Ballis, R ; Neyret, P ; Lustig, S , The role of the meniscotibial ligament in posteromedial rotational knee stability., *Knee Surg Sports Traumatol Arthrosc*, 2015, 23, 2967-73
83. Valour, F ; Rasigade, JP ; Trouillet-Assant, S ; Gagnaire, J ; Bouaziz, A ; Karsenty, J & al , Delta-toxin production deficiency in *Staphylococcus aureus*: a diagnostic marker of bone and joint infection

chronicity linked with osteoblast invasion and biofilm formation., *Clin Microbiol Infect*, 2015, 21, 568.e1-11

84. Peltier, A ; Lording, TD ; Lustig, S ; Servien, E ; Maubisson, L ; Neyret, P , Posteromedial meniscal tears may be missed during anterior cruciate ligament reconstruction., *Arthroscopy*, 2015, 31, 691-8
85. Shabani, B ; Bytyqi, D ; Lustig, S ; Cheze, L ; Bytyqi, C ; Neyret, P , Gait knee kinematics after ACL reconstruction: 3D assessment., *Int Orthop*, 2015, 39, 1187-93
86. Madelaine, A ; Villa, V ; Yela, C ; Lording, T ; Lustig, S ; Servien, E & al , Reply to: Comment on Madelaine A et al.: results and complications of single-stage total knee arthroplasty and high tibial osteotomy., *Int Orthop*, 2015, 39, 591-2
87. Shabani, B ; Bytyqi, D ; Lustig, S ; Cheze, L ; Bytyqi, C ; Neyret, P , Gait changes of the ACL-deficient knee 3D kinematic assessment., *Knee Surg Sports Traumatol Arthrosc*, 2015, 23, 3259-65
88. Scholes, C ; Houghton, ER ; Lee, M ; Lustig, S , Meniscal translation during knee flexion: what do we really know?, *Knee Surg Sports Traumatol Arthrosc*, 2015, 23, 32-40

2016

89. Peeters, O ; Ferry, T ; Ader, F ; Boibieux, A ; Braun, E ; Bouaziz, A & al , Teicoplanin-based antimicrobial therapy in Staphylococcus aureus bone and joint infection: tolerance, efficacy and experience with subcutaneous administration., *BMC Infect Dis*, 2016, 16, 622
90. Gunst, S ; Villa, V ; Magnussen, R ; Servien, E ; Lustig, S ; Neyret, P , Equivalent results of medial and lateral parapatellar approach for total knee arthroplasty in mild valgus deformities., *Int Orthop*, 2016, 40, 945-51
91. Gaillard, R ; Lustig, S ; Peltier, A ; Villa, V ; Servien, E ; Neyret, P , Total knee implant posterior stabilised by a third condyle: Design evolution and post-operative complications., *Orthop Traumatol Surg Res*, 2016, 102, 1061-1068
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