

Scientific Publications

Centre Médical Olympique Luxembourgeois Sports Clinic (Centre Hospitalier de Luxembourg) Sports Medicine Research Laboratory (Luxembourg Institute of Health)

1. Current trends in tendinopathy: consensus of the ESSKA basic science committee. Part II: treatment options. Abat F, Alfredson H, Cucchiaroni M, Madry H, Marmotti A, Mouton C, Oliveira JM, Pereira H, Peretti GM, Spang C, Stephen J, vanBergen CJA, de Girolamo L. J Exp Orthop. 2018 Sep 24;5(1):38.
2. 2018 International Olympic Committee consensus statement on prevention, diagnosis and management of paediatric anterior cruciate ligament (ACL) injuries Ardern CL, Ekas G, Grindem H, Moksnes H, Anderson A, Chotel F, Cohen M, Forssblad M, Ganley TJ, Feller JA, Karlsson J, Kocher MS, LaPrade RF, McNamee M, Mandelbaum B, Micheli L, Mohtadi N, Reider B, Roe J, Seil R, Siebold R, Silvers-Granelli HJ, Soligard T, Witvrouw E, Engebretsen L Knee Surg Sports Traumatol Arthrosc. 2018;26(4): 989-1010. Epub 2018 Feb 17.
3. Prevention, diagnosis and management of paediatric ACL injuries. Ardern CL, Ekas GR, Grindem H, Moksnes H, Anderson A, Chotel F, Cohen M, Forssblad M, Ganley TJ, Feller JA, Karlsson J, Kocher MS, LaPrade RF, McNamee M, Mandelbaum B, Micheli L, Mohtadi NGH, Reider B, Roe JP, Seil R, Siebold R, Silvers-Granelli HJ, Soligard T, Witvrouw E, Engebretsen L. Br J Sports Med. 2018.
4. Applying ethical standards to guide shared decision-making with youth athletes. Ardern CL, Grindem H, Ekas GR, Seil R, McNamee MBr J Sports Med.2018 Oct;52(20):1289-1290.
5. The stiffness response of type IIa fibres after eccentric exercise-induced muscle damage is dependent on ACTN3 r577X polymorphism. Broos S, Malisoux L, Theisen D, Van Thienen R, Francaux M, Thomis MA, Deldicque L. Eur J Sport Sci.2019 May;19(4):480-489
6. Numerical comparative study of five currently used implants for high tibial osteotomy: realistic loading including muscle forces versus simplified experimental loading. Dikko Kaze A, Maas S, Kedziora S, Belsey J, Hauptert A, Wolf C, Hoffmann A, Pape D. J Exp Orthop. 2018;5(1):28.
7. Anterior buttress plate is successful for treating posterior sternoclavicular dislocation. Gerich T, Hoffmann A, Backes F, Duinslaeger AD, Seil R, Pape D. Knee Surg Sports Traumatol Arthrosc. 2018.27: 251.
8. Using principles of motor learning to enhance ACL injury prevention programs Gokeler A, Benjaminse A, Seil R, Kerkhoffs G, Verhagen E. SportsOrthop Traumatol. 2018.Sports Orthop Traumatol. 2018;34(1):23-30.
9. A novel approach to enhance ACL injury prevention programs. Gokeler A, Seil R, Kerkhoffs G, Verhagen E. G, J Exp Orthop. 2018;5(1):22
10. Non-coding RNAs and exercise: Pathophysiological role and clinical application in the cardiovascular system. Gomes CPC, de Gonzalo-Calvo D, Toro R, Fernandes T, Theisen D, Wang DZ, Devaux Y, Cardiolinc network Clin Sci. 2018;132(9):925-942.
11. "I never made it to the pros..."Return to sport and becoming an elite athlete after pediatric and adolescent anterior cruciate ligament injury-Current evidence and future directions. Hamrin Senorski E, Seil R, Svantesson E, Feller JA, Webster KE, Engebretsen L, Spindler K, Siebold R, Karlsson J, Samuelsson K Knee Surg Sports Traumatol Arthrosc. 2018;26(4):1011-1018. Epub 2017 Nov 29.
12. How (not) to interpret a non-causal association in sports injury science Hjerrild M, Videbaek S, Theisen D, Malisoux L, Oestergaard Nielsen R Phys Ther Sport. 2018;32:121-125. [Epubahead of print].

13. Nonoperative treatment of muscle injuries -recommendations from the GOTS expert meeting. Hotfiel T, Seil R, Bily W, Bloch W, Gokeler A, Kriffter RM, Mayer F, Ueblacker P, Weisskopf L, Engelhardt M J Exp Orthop. 2018;5(1):24.
14. Effect of cognitive challenge on the postural control of patients with ACL reconstruction under visual and surface perturbations Lion A, Gette P, Meyer C, Seil R, Theisen D Gait & Posture. 2018; 60:251-257.
15. Physical activity promotion in primary care: a Utopian quest? Lion A, Vuillemin A, Thornton JS, Theisen D, Stranges S, Ward M. Health Promot Int. 2018. [Epub ahead of print].
16. Conservative management of anterior cruciate ligament injury in paediatric population: About 53 patients. Madelaine A, Fournier G, Sappey-Mariniere E, Madelaine T, Seil R, Lefevre N, Chotel F; French Arthroscopic Society. Orthop Traumatol Surg Res. 2018. [Epub ahead of print].
17. Ramp lesions in ACL deficient knees in children and adolescent population: a high prevalence confirmed in intercondylar and posteromedial exploration. Malatray M, Raux S, Peltier A, Pfirrmann C, Seil R, Chotel F. Knee Surg Sports Traumatol Arthrosc. 2018;26(4):1074-1079.
18. Side-to-side asymmetries in landing mechanics from a drop vertical jump test are not related to asymmetries in knee joint laxity following anterior cruciate ligament reconstruction. Meyer CAG, Gette P, Mouton C, Seil R, Theisen D. Knee Surg Sports Traumatol Arthrosc. 2018;26(2):381-390
19. Hip movement pathomechanics of patients with hip osteoarthritis aim at reducing hip joint loading on the osteoarthritic side. Meyer CAG, Wesseling M, Corten K, Nieuwenhuys A, Monari D, Simon JP, Jonkers I, Desloovere K Gait Posture. 2018;59:11-17. Epub 2017 Sep 22.
20. Time-to-event analysis for sports injury research part 1: time-varying exposures Nielsen RO, Bertelsen ML, Ramskov D, Moller M, Hulme A, Theisen D, Finch CF, Fortington LV, Mansournia MA, Parner ET. Br J Sports Med 2019;53:61-68.
21. Morbus Osgood Schlatter Osgood-Schlatter disease Nührenböcker C, Gaulrapp H. Sports Orthop. Traumatol. 34, 393–395 (2018)
22. Patient demographic and surgical characteristics in anterior cruciate ligament reconstruction: a description of registries from six countries Prentice HA, Lind M, Mouton C, Persson A, Magnusson H, Gabr A, Seil R, Engebretsen L, Samuelsson K, Karlsson J, Forsblad M, Haddad FS, Spalding T, Funahashi TT, Paxton LW, Maletis GB British Journal of Sports Medicine. 2018. Epub 2018 Mar 2
23. Technological innovation in orthopaedic surgery: balancing innovation and science with clinical and industry interests. Seil R, Ayeni OR, Hirschmann MT. Knee Surg Sports Traumatol Arthrosc. 2018. [Epub ahead of print].
24. Ramp lesions associated with ACL injuries are more likely to be present in contact injuries and complete ACL tears. Seil R, Mouton C, Coquay J, Hoffmann A, Nührenböcker C, Pape D, Theisen D. Knee Surg Sports Traumatol Arthrosc. 2018;26(4):1080-1085.
25. ESSKA partners and the IOC join forces to improve children ACL treatment Seil R, Theisen D, Moksnes H, Engebretsen L Knee Surg Sports Traumatol Arthrosc. 2018.
26. ESSKA helps making a change: the example of handball medicine. Seil R, Laver L, Landreau P, Myklebust G, Walden M. Knee Surg Sports Traumatol Arthrosc. 2018;26(7):1881-1883. Epub 2017 Mar 7.
27. Editorial Commentary: Medial Meniscal Ramp Lesions: Lessons Learned From the Past in the Pursuit of Evidence. Seil R. Arthroscopy. 2018;34(5):1638-1640.
28. In high tibial osteotomy, closing and opening wedges did not differ for clinical outcomes at up to two years (Commentary) Seil R. J Bone Joint Surg Am. 2018;100(10):882.
29. Anatomy of proximal attachment, course, and innervation of hamstring muscles: a pictorial essay. Stepien K, Smigielski R, Mouton C, Cizek B, Engelhardt M, Seil R. Knee Surg Sports Traumatol Arthrosc. 2018. [Epub ahead of print].
30. Correspondence re "Evidence-based scientific exercise guidelines for adults with spinal cord injury: an update and new guideline" Tweedy SM Beckman EM Geraghty TJ Theisen D Perret C Harvey LA Vanlandewijck YC. Spinal Cord. 2018;56(4):406-408. Epub 2018 Jan 18.

31. The ESSKA-AFAS international consensus statement on peroneal tendon pathologies van Dijk PA, Miller D, Calder J, DiGiovanni GW, Kennedy JG, Kerkhoffs GN, Kynsburtg , Havercamp D, Guillo S, Oliva XM, Pearce CJ, Pereira H, Spennacchio P, Stephen JM, van Dijk CN Knee Surgery, Sports Traumatology, Arthroscopy. Epub 2018
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33. Low rates of patients meeting return to sport criteria 9 months after anterior cruciate ligament reconstruction: a prospective longitudinal study. Welling W, Benjaminse A, Seil R, Lemmink K, Zaffagnini S, Gokeler A. Knee Surg Sports Traumatol Arthrosc. 2018. [Epub ahead of print].
34. Longitudinal joint loading in patients before and up to one year after unilateral total hip arthroplasty. Wesseling M, Meyer C, Corten K, Desloovere K, Jonkers I Gait Posture. 2018;61:117-124.
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