

## Publications

- 2020**                    **Minimally Invasive Modified Lemaire Tenodesis**  
Bart Muller, Gijs J.A. Willinge, Jacco A.C. Zijl  
Arthroscopy Techniques. December 2020  
DOI: 10.1016/j.eats.2020.09.006
- 2020**                    **Increased survival rate for primary TKA with tibial short extension stems for severe varus deformities at a minimum of 2 years follow-up.**  
Fournier G, Muller B, Gaillard R, Batailler C, Lustig S, Servien E.  
Knee Surg Sports Traumatol Arthrosc. 2020 Jan 21.  
DOI: 10.1007/s00167-020-05848-2
- 2020**                    **Early complications and causes of revision after rotating-hinge TKA.**  
Rouquette L, Batailler C, Muller B, Neyret P, Servien E, Lustig S.  
Arch Orthop Trauma Surg. 2020 Jan;140(1):109-119.  
DOI: 10.1007/s00402-019-03290-9.
- 2019**                    **Joint laxity and graft compliance increase during the first year following ACL reconstruction with short hamstring tendon grafts**  
Pouderoux T, Muller B, Robert H.  
Knee Surg Sports Traumatol Arthrosc. 2019 Sep 28.  
DOI: 10.1007/s00167-019-05711-z
- 2016**                    **Defining Thresholds for the Patient Acceptable Symptom State for the IKDC Subjective Knee Form and KOOS for Patients Who Underwent ACL Reconstruction.**  
Muller B, Yabroudi MA, Lynch A, Lai CL, van Dijk CN, Fu FH, Irrgang JJ.  
Am J Sports Med. 2016 Nov;44(11):2820-2826.  
DOI: 10.1177/0363546516652888
- 2016**                    **Predictors of Revision Surgery After Primary Anterior Cruciate Ligament Reconstruction.**  
Yabroudi MA, Björnsson H, Lynch AD, Muller B, Samuelsson K, Tarabichi M, Karlsson J, Fu FH, Harner CD, Irrgang JJ.  
Orthop J Sports Med. 2016 Sep 27;4(9):2325967116666039.  
DOI: 10.1177/2325967116666039
- 2016**                    **Anatomic anterior cruciate ligament reconstruction: reducing anterior tibial subluxation.**  
Muller B, Duerr ER, van Dijk CN, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2016 Sep;24(9):3005-10.  
DOI: 10.1007/s00167-015-3612-x
- 2016**                    **Development of computer tablet software for clinical quantification of lateral knee compartment translation during the pivot shift test.**  
Muller B, Hofbauer M, Rahnama-Azar AA, Wolf M, Araki D, Hoshino Y, Araujo P, Debski RE, Irrgang JJ, Fu FH, Musahl V.  
Comput Methods Biomech Biomed Engin. 2016;19(2):217-28.  
DOI: 10.1080/10255842.2015.1006210

- 2015**      **Does flexible tunnel drilling affect the femoral tunnel angle measurement after anterior cruciate ligament reconstruction?**  
Muller B, Hofbauer M, Atte A, van Dijk CN, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2015 Dec;23(12):3482-6.  
DOI: 10.1007/s00167-014-3181-4
- 2015**      **Is the native ACL insertion site "completely restored" using an individualized approach to single-bundle ACL-R?**  
Middleton KK, Muller B, Araujo PH, Fujimaki Y, Rabuck SJ, Irrgang JJ, Tashman S, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2015 Aug;23(8):2145-50.  
DOI: 10.1007/s00167-014-3043-0
- 2014**      **The concept of individualized anatomic anterior cruciate ligament (ACL) reconstruction**  
Hofbauer M, Muller B, Murawski CD, van Eck CF, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2014 May;22(5):979-86.  
DOI: 10.1007/s00167-013-2562-4.
- 2014**      **Revision surgery after primary double-bundle ACL reconstruction: AAOS exhibit selection.**  
Hofbauer M, Murawski CD, Muller B, van Eck CF, Fu FH.  
J Bone Joint Surg Am. 2014 Feb 19;96(4):e30.  
DOI: 10.2106/JBJS.M.01038
- 2013**      **Image Analysis for Quantification of the Pivot Shift Test and Development of an iPad Application: 2013 ISAKOS Abstracts**  
Muller B, Hofbauer M, Hoshino Y, Araujo P, Ahlden M, Irrgang JJ, Fu FH, Musahl V.  
Arthroscopy. 2013 Oct;29(10):e60.  
DOI: 10.1016/j.arthro.2013.07.044
- 2013**      **A Standardized Pivot Shift Test and Newly Developed iPad Application Can Quantify ACL Injury in Patients: 2013 ISAKOS Abstracts**  
Musahl V, Hofbauer M, Muller B, Wolf MR, Araki D, Hoshino Y, Irrgang JJ, Fu FH.  
Arthroscopy. 2013 Oct;29(10):e60.  
DOI: 10.1016/j.arthro.2013.07.044
- 2013**      **Defining Patient Acceptable Symptom State Thresholds for the IKDC Subjective Knee Form and KOOS for Patients Undergoing ACL Reconstruction: 2013 AOSSM abstracts**  
Muller B, Yabroudi MA, Lai CL, Lynch A, Harner CD, van Dijk CN, Fu FH, Irrgang JJ.  
Orthop J Sports Med. 2013 Sep;1(4 Suppl).  
DOI: 10.1177/2325967113S00069
- 2013**      **Comparison of Two Methods to Measure Return to Sports after Anterior Cruciate Ligament (ACL) Reconstruction: 2013 AOSSM abstracts**  
Yabroudi MA, Muller B, Lai CL, Lynch A, Oostdyk A, Harner CD, van Fu FH, Irrgang JJ.  
Orthop J Sports Med. 2013 Sep;1(4 Suppl).  
DOI: 10.1177/2325967113S00071
- 2013**      **Progression of patellar tendinitis following treatment with platelet-rich plasma: case reports.**  
Bowman KF Jr, Muller B, Middleton K, Fink C, Harner CD, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2013 Sep;21(9):2035-9.  
DOI: 10.1007/s00167-013-2549-1
- 2013**      **Strategies for revision surgery after primary double-bundle anterior cruciate ligament (ACL) reconstruction.**  
Hofbauer M, Muller B, Murawski CD, Baraga M, van Eck CF, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2013 Sep;21(9):2072-80.  
DOI: 10.1007/s00167-013-2470-7

- 2013**                    **Anatomic Anterior Cruciate Ligament Reconstruction: Current Concepts and Future Perspective.**  
Murawski CD, Wolf MR, Araki D, Muller B, Tashman S, Fu FH.  
Cartilage. 2013 Jul;4(3 Suppl):27S-37S.  
DOI: 10.1177/1947603513486557
- 2013**                    **The actual management of ACL instability**  
van Diek FM, Ohashi B, Hofbauer M, Muller B, Fu FH  
Minerva Ortop Traumatol. 2013 Jun;64(3):225-237
- 2013**                    **Quantitative evaluation of the pivot shift by image analysis using the iPad.**  
Hoshino Y, Araujo P, Ahlden M, Samuelsson K, Muller B, Hofbauer M, Wolf MR, Irrgang JJ, Fu FH, Musahl V.  
Knee Surg Sports Traumatol Arthrosc. 2013 Apr;21(4):975-80.  
DOI: 10.1007/s00167-013-2396-0
- 2013**                    **Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction**  
Hofbauer M, Muller B, Wolf MR, Forsythe B, Fu FH  
Oper Tech Sports Med. 2013 Apr; 21(1):47-54  
DOI: 10.1053/j.otsm.2012.10.006
- 2013**                    **Innovation in orthopaedic surgery as it relates to evidence-based practice**  
Hofbauer M, Muller B, Murawski CD, Baraga M, van Eck CF, Fu FH.  
Knee Surg Sports Traumatol Arthrosc. 2013 Mar;21(3):511-4.  
DOI: 10.1007/s00167-012-2360-4.
- 2013**                    **Effects of different platelet-rich plasma methods.**  
Murawski CD, Hofbauer M, Muller B, Fu FH.  
Am J Sports Med. 2013 Feb;41(2):NP7.  
DOI: 10.1177/0363546512473730
- 2013**                    **Indications and contraindications for double-bundle ACL reconstruction.**  
Muller B, Hofbauer M, Wongcharoenwatana J, Fu FH.  
Int Orthop. 2013 Feb;37(2):239-46.  
DOI: 10.1007/s00264-012-1683-6
- 2013**                    **ACL graft healing and biologics.**  
Muller B, Bowman KF Jr, Bedi A.  
Clin Sports Med. 2013 Jan;32(1):93-109.  
DOI: 10.1016/j.csm.2012.08.010
- 2012**                    **Is the latest always the greatest?**  
Muller B, Hofbauer M, Murawski CD, Fu FH.  
Orthopedics Today. 2012 Aug;  
<http://www.healio.com/orthopedics/business-of-orthopedics/news/print/orthopedics-today/%7B628f1f28-7562-4aaf-b40f-12e0b317a7c8%7D/is-the-latest-always-the-greatest>
- 2012**                    **Anatomical Anterior Cruciate Ligament Reconstruction: A Rationale**  
Muller B, Middleton K, Araujo PH, Fu FH.  
Physicians Practice. 2012 Jul; <http://www.physicianspractice.com/articles/anatomical-anterior-cruciate-ligament-reconstruction-rationale>
- 2012**                    **Comparison of three non-invasive quantitative measurement systems for the pivot shift test.**  
Araujo PH, Ahlden M, Hoshino Y, Muller B, Moloney G, Fu FH, Musahl V.  
Knee Surg Sports Traumatol Arthrosc. 2012 Apr;20(4):692-7.  
DOI: 10.1007/s00167-011-1862-9
- 2012**                    **Individualized anatomic anterior cruciate ligament reconstruction.**  
Rabuck SJ, Middleton KK, Maeda S, Fujimaki Y, Muller B, Araujo PH, Fu FH.

Arthrosc Tech. 2012 Mar 3;1(1):e23-9.  
DOI: 10.1016/j.eats.2011.12.004

**2012**                    **Evaluation of the effects of platelet-rich plasma (PRP) therapy involved in the healing of sports-related soft tissue injuries.**

Middleton KK, Barro V, Muller B, Terada S, Fu FH.  
Iowa Orthop J. 2012;32:150-63.

**2010**                    **Appearance of the weight-bearing lateral radiograph in retrocalcaneal bursitis.**

van Sterkenburg MN, Muller B, Maas M, Sierevelt IN, van Dijk CN.  
Acta Orthop. 2010 Jun;81(3):387-90.  
DOI: 10.3109/17453674.2010.487245