

CURRICULUM VITAE

Bart Muller, MD PhD

Orthopaedic Surgeon & Traumatologist



Personal Details

Date of birth : May 21st, 1984
Name : Bart Muller

Professional Experience

2021 – present	Xpert Clinics Orthopedics - Consultant Orthopaedic Surgeon <i>Knee and Shoulder Surgery and Sports Traumatology</i>	Amsterdam
2021 – present	Department of Orthopaedic Surgery, OLVG - Fellow Shoulder Surgery <i>Trainers: Derek F.P. van Deurzen, MD and Prof. Michel P.J. van den Bekerom, MD PhD</i>	Amsterdam
2020 – 2020	Department of Orthopaedic Surgery, AZ Malle & GZA Wilrijk - Fellow Shoulder Surgery <i>Trainer: Yves Fortems, MD</i>	Antwerp
2019 – 2020	Department of Orthopaedic Surgery, St. Antonius Hospital - Fellow Knee Surgery <i>Trainer: Jacco A.C. Zijl, MD</i>	Utrecht
2019 – 2019	Lyon School of Knee Surgery, Croix-Rousse Hospital - Fellow Knee Surgery <i>Trainers: Prof. Elvire Servien, MD PhD and Prof. Sébastien Lustig, MD PhD</i>	Lyon
2018 – 2019	Department of Orthopaedic Surgery, Tergooi Hospital - Resident <i>Trainer: Anton M.J.S. Vervest, MD PhD</i>	Hilversum
2016 – 2018	Department of Orthopaedic Surgery, AMC - Resident <i>Trainers: Prof. C. Niek van Dijk, MD PhD and Prof. Gino M.M.J. Kerkhoffs, MD PhD</i>	Amsterdam
2014 – 2016	Department of Orthopaedic Surgery, Slotervaart Hospital - Resident <i>Trainer: Harm M. van der Vis, MD PhD</i>	Amsterdam
2013 – 2014	Department of General Surgery, St. Lucas Andreas Hospital - Resident <i>Trainer: Bart C. Vrouwenraets, MD PhD</i>	Amsterdam
2011 – 2013	Department of Orthopaedic Surgery, UPMC - Research Fellow, Sports Medicine <i>Trainer: Prof. Freddie H. Fu, MD</i>	Pittsburgh

2011 – 2013	Department of Orthopaedic Surgery, UPMC - Research coordinator, ACL Research Group <i>Coordination and Management of 20-30 Research Fellows/Projects</i>	Pittsburgh
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Education

2012 – 2018	University of Amsterdam, Faculty of Medicine, AMC - 2018: Doctor of Philosophy, Medicine (PhD) - Thesis: "ACL Injury and Surgery – a More Objective Take" <i>Promotor: Prof. C. Niek van Dijk, MD PhD</i> <i>Copromotores: Prof. Freddie H. Fu, MD, Prof. James J. Irrgang, PhD PT</i>	Amsterdam
2003 – 2011	University of Amsterdam, Faculty of Medicine, AMC - 2011: Doctor of Medicine (MD) - 2010: Master of Science, Medicine (MSc)	Amsterdam
1996 – 2003	Grammar School: Christelijk Gymnasium Utrecht - Profile: Nature and Health - Extra classes: Latin	Utrecht

Scientific Experience

Presentations

2014	Prediction of return to preinjury sports following ACL reconstruction Muller B., Lynch A., Yabroudi M., Tarabachi M., Harner C., van Dijk C., Fu F., Irrgang J. <i>Podium Presentation at ESSKA 2014 Biannual Meeting.</i>
2014	Return to pre-injury level of competitive sports after anterior cruciate ligament (ACL) reconstruction Irrgang J., Yabroudi M., Lynch A., Muller B., Lai C., Oostdyk Alicia, Fu F., Harner C. <i>Poster Presentation at ESSKA 2014 Biannual Meeting.</i>
2014	Defining thresholds for the patient acceptable symptom state for the IKDC subjective knee form and KOOS for patients undergoing ACL reconstruction. Muller B., Yabroudi M., Lai P., Lynch A., Harner C., van Dijk C., Fu F., Irrgang J <i>Poster Presentation at ESSKA 2014 Biannual Meeting.</i>
2013	Individualized Anatomic ACL Reconstruction. Muller B, Hofbauer M, Baraga MG, Fu FH <i>Multimedia Presentation at AAOS 2013 Annual Meeting.</i>
2013	Revision Surgery After Primary Double-Bundle ACL Reconstruction: AAOS Exhibit Selection. Marcus Hofbauer; Christopher D Murawski; Bart Muller; Carola F van Eck; Freddie H Fu <i>Scientific Exhibit at AAOS 2013 Annual Meeting.</i>
2013	Image Analysis for Quantification of the Pivot Shift Test and Development of an iPad Application Muller B, Hofbauer M, Hoshino Y, Araujo P, Ahlden M, Irrgang JJ, Fu FH, Musahl V <i>Podium Presentation at ISAKOS 2013 Biannual Meeting.</i>

- 2013** **A Standardized Pivot Shift Test and Newly Developed iPad Application Can Quantify ACL Injury in Patients**
Volker Musahl, Marcus Hofbauer, Bart Muller, Megan Rianne Wolf, Daisuke Araki, Yuichi Hoshino, James J. Irrgang, Freddie H. Fu.
Podium Presentation at ISAKOS 2013 Biannual Meeting.
- 2013** **Does Anatomic Anterior Cruciate Ligament Reconstruction Reduce Anterior Tibial Subluxation?**
Bart Muller, Eric Duerr, Michael J. Tranovich, James J. Irrgang, C. Niek Van Dijk, Freddie H. Fu.
Poster Presentation at ISAKOS 2013 Biannual Meeting.
- 2013** **Quantitative Parameters of the Pivot Shift - Correlation and Clinical Use**
Paulo Henrique Mendes Araujo, Mattias Ahldén, Yuichi Hoshino, Marcus Hofbauer, Bart Muller, James J. Irrgang, Freddie H. Fu, Volker Musahl
Poster Presentation at ISAKOS 2013 Biannual Meeting.
- 2013** **The Effect of Flexible Tunnel Drilling on the Femoral Tunnel Angle**
Bart Muller, Marcus Hofbauer, Akere Atte, James J. Irrgang, Freddie H. Fu.
Poster Presentation at ISAKOS 2013 Biannual Meeting.
- 2013** **Comparison of Two Methods to Measure Return to Sports after Anterior Cruciate Ligament (ACL) Reconstruction**
Mohammad A. Yabroudi, Bart Muller, Chung-Liang Lai, Andrew Lynch, Alicia Oostdyk, Freddie H. Fu, Christopher D. Harner, James J. Irrgang.
Poster Presentation at AOSSM 2013 Annual Meeting.
- 2013** **Defining Patient Acceptable Symptom State Thresholds for the IKDC Subjective Knee Form and KOOS for Patients Undergoing ACL Reconstruction**
Bart Muller, Mohammad A. Yabroudi, Chung-Liang Lai, Andrew Lynch, Christopher D. Harner, C. Niek Van Dijk, Freddie H. Fu, James J. Irrgang
Poster Presentation at AOSSM 2013 Annual Meeting.
- 2012** **Can individualized anterior cruciate ligament reconstruction restore the native insertion site size?**
Middleton KK, Muller B, Araujo PH, Rabuck SJ, Irrgang JJ, Fu FH.
Podium Presentation at AOSSM 2012 Annual Meeting.

Chapters

- 2016** **Anatomic Anterior Cruciate Ligament Reconstruction: The Double-Bundle Technique**
Middleton KK, Atte AA, Muller B, Fu FH
Mastering Orthopedic Techniques: Knee Reconstruction. 2016;77-92. Eachempati KK, Apsingi S, Malhotra R, Gautam D (Eds.)
ISBN: 9789385999734
- 2015** **Knee ligament surgery: Future perspectives**
Wolf M, Murawski CD, Muller B, Hofbauer M, Ward J, Fu FH.
Sports Injuries: Prevention, Diagnosis, Treatment & Rehabilitation. Second Edition. 2015;1067-1076. Doral MN, Karlsson J (Eds.)
ISBN: 9783642365683
- 2015** **Innovation in sports medicine**
Muller B, Hofbauer M, Murawski CD, Wolf MR, Fu FH.
Sports Injuries: Prevention, Diagnosis, Treatment & Rehabilitation. Second Edition. 2015; 3161-3170. Doral MN, Karlsson J (Eds.)

ISBN: 9783642365683

- 2015** **Concussion in sports traumatology: Future trends**
Hofbauer M, Muller B, Ward J, Murawski CD, Wolf M, Kunec C, Collins M, Fu FH.
Sports Injuries: Prevention, Diagnosis, Treatment & Rehabilitation. Second Edition.
2015; 3143-3150. Doral MN, Karlsson J (Eds.)
ISBN: 9783642365683
- 2015** **Postoperative Rehabilitation after Anatomic Anterior Cruciate Ligament Reconstruction**
Middleton KK, Muller B, Rabuck SJ, Irrgang JJ, Fu FH
Orthopaedic Rehabilitation of the Athlete: Getting Back in the Game. 2015;1173-1193. Reider B, Davies G, Provencher M (Eds.)
ISBN: 978455727803
- 2014** **Orthopaedic Surgery**
Thomas BJ, Fu FH, Muller B, Vyas D, Niesen M, Pribaz J, Draenert K.
Schwartz's Principles of Surgery. Tenth Edition. 2014;1755-1786. Brunicardi F, Andersen DK, Billiar TR, Dunn DL, Hunter JG, Matthews JB, Pollock RE (Eds.)
ISBN: 9780071800921
- 2013** **Anterior Cruciate Ligament Tear: Rationale and Indications for Anatomic ACL Reconstruction**
Muller B, Maeda S, Fujimaki Y, Araujo PH, Fu FH
The ACL-Deficient Knee -An Approach Based on Problems Resolution. 2013; 237-257. Sanchis-Alfonso V, Monllau-García JC (Eds.)
ISBN: 9781447142706
- 2013** **Surgical Techniques in Anterior Cruciate Ligament Reconstruction: The Double-Bundle Technique**
Muller B, Rabuck SJ, Fu FH.
Anterior Cruciate Ligament Reconstruction: Evolving Concepts. 2013;61-74
ISBN: 9781625521019
- Editorial**
- 2020** **Reviewer BioMed Research International**
Peer Review - Open Access Scientific Journal - Impact Factor 2.276
- 2018** **Moderator ESSKA 2018**
Moderator 18th ESSKA Biannual Congress
- 2015** **Abstract Reviewer ESSKA 2016**
Reviewer ACL Related Abstracts for the 17th ESSKA Biannual Congress

Other Activities

Courses, seminars, workshops and masterclasses

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| 2020 | Mathys Shoulder Prothesiology Course | Brussels |
| 2019 | Arthrex Advanced Knee Ligament Course | München |
| 2019 | NVA Advanced Knee Course | Rotterdam |
| 2018 | Radiation Hygiene | Nijmegen |

2018	OTC III -Advanced Fracture Management	Uden
2018	Advanced Instructional Course on Arthroscopy of the Knee	Utrecht
2017	Advanced Trauma Life Support –Refresher Course	Tilburg
2016	Medical Business Masterclass	Amsterdam
2015	Arthrex Knee Ligament Course	München
2015	Residents Course Knee Prothesiology	Amsterdam
2014	Evidence Based Surgery	Amsterdam
2014	Teach the Teacher	Amsterdam
2014	AO Trauma -Basic Principles of Fracture Management	Oisterwijk
2012	Advanced Trauma Life Support	Bilthoven
2011	Research Integrity	Pittsburgh
2011	Human Subjects Research in Social and Behavioral Sciences	Pittsburgh
2011	Human Subjects Research in Biomedical Science	Pittsburgh
2011	HIPAA Researchers Privacy Requirements	Pittsburgh
Organization		
2008	9 th Residents Course Knee Prothesiology, AMC	Amsterdam
2008	8 th International Amsterdam Foot & Ankle Course, AMC	Amsterdam

Memberships

2012 – present	European Society of Sports Traumatology, Knee Surgery & Arthroscopy ESSKA
2017 – present	Dutch Arthroscopy Society Nederlandse Vereniging voor Arthroscopie, NVA
2013 – present	Dutch Orthopaedic Society Nederlandse Orthopaedische Vereniging, NOV
2016 – present	Dutch Knee Society Werkgroep Knie
2020 – present	Dutch Shoulder Society Werkgroep Schouder
2017 – present	Dutch Orthopaedic Trauma Society Werkgroep Traumatologie, NVOT
2013 – 2019	Dutch Orthopaedic Residents Society Vereniging Orthopaedisch Chirurgische Assistenten, VOCA
2003 – 2011	Medical Student Association Amsterdam Medische Faculteit der Amsterdamse Studenten, MFAS
2003 – 2010	Utrecht Student Fraternity Utrechts Studenten Corps, USC