

PD Dr. med. Beat K. Moor

Adresse **Hôpital du Valais (HVS)**
Centre Hospitalier du Valais Romand
Service d'orthopédie traumatologie de l'appareil locomoteur
Hôpital de Martigny, av. de la Fusion 27, 1920 Martigny

Téléphone 027 603.90.21

Fax 027 603.96.65

E-mail beat.moor@hopitalvs.ch



Position clinique

- Médecin-chef de Service d'orthopédie et traumatologie de l'appareil locomoteur

Position académique

- Privat-Docent ; Venia Legendi en orthopédie et traumatologie, Université de Berne

Domaines de spécialités

Chirurgie de l'épaule, du coude et l'orthopédie du sport

Connaissance de langues

- Français
- Allemand
- Anglais

Honneurs

- Harold Vasey 2009 (meilleure examen FMH)
- Prix du jubilé 2014 de la société suisse de radiologie :
Is the Lateral Extension of the Acromion Related to the Outcome of Shoulder Injections?
T.J. Dietrich, B.K. Moor, G. J. Puskas, C.W. A. Pfirrmann, J. Hodler, C.K. Peterson

Etudes de médecine

- Université de Berne, CH (1998-2004) ; Docteur de médecine université de Berne (2005)
- United States Medical Licensing Examination (USMLE 2005, step 1 and 2)

Formation post-graduée

- Examen de base de chirurgie 2005
- Expert médical certifié SIM (Swiss Insurance Medecin) 2008
- Examen FMH en orthopédie et traumatologie de l'appareil locomoteur 2009
- Educational Commission for Foreign Medical Graduates (ECFMG, Chicago 2010)
- 2004-06 Assistant de chirurgie et orthopédie, FMI Spital, Interlaken
- 2006-08 Assistant de l'orthopédie, Hôpital universitaire Balgrist, Zürich
(Prof. Dr. Med. Christian Gerber)
- 2008-09 Assistant de l'orthopédie, Hôpital cantonal de Fribourg (Prof. E. Gautier)
- 2009-11 Chef de clinique de l'orthopédie et traumatologie, Hôpital du Valais, CHVR
- 2011-12 Chef de clinique de l'équipe d'épaule et genou, Hôpital universitaire Balgrist, Zürich (Prof. C. Gerber)
- 2013-15 Deputy Head of Shoulder, Elbow and Orthopaedic Sports Medicine, Département d'orthopédie et traumatologie de l'hôpital de l'île, Université de Berne (Prof. K.A. Siebenrock)
- Venia Legendi en orthopédie de l'université de Berne 2015

Travail d'enseignement

- Orateur de la formation physiothérapie de Sport (SPT-education) à Macolin (<http://www.spt-education.de>)
- Orateur de la société suisse de médecine de sport (SSMS); CRR Sion
- Orateur „CAS Sport- und Bewegungstherapie, Spezialisierung Orthopädie/Traumatologie/Rheumatologie“, Universität Bern

Sociétés

- Swiss orthopaedics
- FMH (Foederatio Medicorum Helvetiae)
- AGA (Deutschsprachige Arbeitsgemeinschaft für Arthroskopie)
- GOTS (Gesellschaft für Orthopädisch-Traumatologische Sportmedizin)
- Société Médicale du Valais

Publications (articles originaux publiés dans des journaux « peer reviewd »)

- 1.) Influence of component positioning on impingement in conventional total shoulder arthroplasty.
Favre P, **Moor BK**, Snedeker JG, Gerber C.
Clin Biomech (Bristol, Avon). 2008 Feb;23(2):175-83. Epub 2007 Nov 5. PMID: 17983693
- 2.) Salvage Arthrodesis After Failed Total Ankle Replacement: Reconstruction with Structural Allograft and Intramedullary Nail.
Moor BK, Klammer G, Maquieira GJ, Espinosa N.
Techniques in Foot & Ankle Surgery 7(4): 271–278, 2008
- 3.) Friction between finger flexor tendons and the pulley system in the crimp grip position.
Moor BK, Nagy L, Snedeker JG, Schweizer A.
Clin Biomech (Bristol, Avon). 2009 Jan;24(1):20-5. Epub 2008 Nov 28. PMID: 19041166
- 4.) Technique tip: percutaneous Chrisman-Snook lateral ankle ligament reconstruction.
Maquieira GJ, **Moor BK**, Espinosa N.
Foot Ankle Int. 2009 Mar;30(3):268-70. No abstract available. PMID: 19321106
- 5.) Static and dynamic human flexor tendon-pulley interaction.
Schweizer A, **Moor BK**, Nagy L, Snedeker JG.
J Biomech. 2009 Aug 25;42(12):1856-61. Epub 2009 Jul 28. Erratum in: J Biomech. 2010 Feb 10;43(3):596. Snedecker, Jess G [corrected to Snedeker, Jess G]. PMID: 19640537
- 6.) Results after delayed axillary nerve reconstruction with interposition of sural nerve grafts.
Moor BK, Haefeli M, Bouaicha S, Nagy L.
J Shoulder Elbow Surg. 2010 Apr;19(3):461-6. Epub 2009 Oct 2. PMID: 19800261
- 7.) Radiographic analysis of metatarsus primus elevatus and hallux rigidus.
Bouaicha S, Ehrmann C, **Moor BK**, Maquieira GJ, Espinosa N.
Foot Ankle Int. 2010 Sep;31(9):807-14. PMID: 20880485
- 8.) Treatment of periprosthetic femoral fractures of the knee.
Ehlinger M, Adam P, Abane L, Rahme M, **Moor BK**, Arlettaz Y, Bonnomet F.
Knee Surg Sports Traumatol Arthrosc. 2011 Sep;19(9):1473-8. PMID: 21431372
- 9.) A pedicled bone graft from the acromion: an anatomical investigation regarding surgical feasibility.
Moor BK, Kohut G, Bouaicha S, Grabherr S, Gautier E, Bergmann M, Marcer N, Djonov V.
J Shoulder Elbow Surg. 2012 May;21(5):604-11. Epub 2011 Jul 2. PMID: 21724420
- 10.) Fixation of maximal shift Scarf osteotomy with inside-out plating: technique tip.
Bouaicha S, **Moor BK**, Bohnert L, Gautier E, Lottenbach M.
Foot Ankle Int. 2011 May;32(5):S567-9. PMID: 21733470
- 11.) Minimally-invasive fixation of distal extra-articular femur fractures with locking plates: limitations and failures.
Ehlinger M, Adam P, Arlettaz Y, **Moor BK**, DiMarco A, Brinkert D, Bonnomet F.
Orthop Traumatol Surg Res. 2011 Oct;97(6):668-74. Epub 2011 Sep 15.
PMID: 21924968
- 12.) Periprosthetic femoral fractures treated by locked plating: feasibility assessment of the minimally-invasive surgical option. A prospective series of 36 fractures.
Ehlinger M, Adam P, Di Marco A, Arlettaz Y, **Moor BK**, Bonnomet F.
Orthop Traumatol Surg Res. 2011 Oct;97(6):622-8. Epub 2011 Sep 16.
PMID: 21925994
- 13.) Distal locking of femoral nails. Mathematical analysis of the appropriate targeting range.
Moor BK, Ehlinger M, Arlettaz Y.
Orthop Traumatol Surg Res. 2012 Feb;98(1):85-9. Epub 2012 Jan 20.
PMID: 22264565

- 14.) Reliability of locked plating in tibial plateau fractures with a medial component.
Ehlinger M, Rahme M, **Moor BK**, Di Marco A, Brinkert D, Adam P, Bonnomet F.
Orthop Traumatol Surg Res. 2012 Apr;98(2):173-9. Epub 2012 Feb 17.
PMID: 22342730
- 15.) Early complications and recurrence rates after Kirschner wire transfixion in lesser toe surgery: a prospective randomized study.
Klammer G, Baumann G, **Moor BK**, Farshad M, Espinosa N.
Foot Ankle Int. 2012 Feb;33(2):105-12.
PMID: 22381341
- 16.) Distal Locking of Femoral Nails: Evaluation of a New Radiation-Independent Targeting System.
Arlettaz Y, Dominguez A, Farron A, Ehlinger M, **Moor BK**.
J Orthop Trauma. 2012 Apr 25. [Epub ahead of print]
PMID: 22473064
- 17.) An anatomical investigation of the cervicothoracic ganglion.
Marcer N, Bergmann M, Klie A, **Moor BK**, Djonov V.
Clin Anat. 2012 May; 25(4):444-51. doi: 10.1002/ca.21266. Epub 2011 Aug 30.
PMID: 22488995
- 18.) A simple and efficient drill guide for accurate placement of the coracoid graft during the Latarjet procedure
EK E, **Moor BK**, Gerber C, Meyer DC.
J Shoulder Elbow Surg. 2013 May;22(5):701-8. doi: 10.1016/j.jse.2012.06.012. Epub 2012 Sep 21.
- 19.) Early serum procalcitonin level after primary total hip replacement.
Bouaicha S, Blatter S, **Moor BK**, Spanaus K, Dora C, Werner CM.
Mediators Inflamm. 2013;2013:927636. doi: 10.1155/2013/927636. Epub 2013 May 13
- 20.) Arthroscopic autograft reconstruction of the inferior glenohumeral ligament: Exploration of technical feasibility in cadaveric shoulder specimens.
Bouaicha S, **Moor BK**.
International Journal of Shoulder Surgery - Jan-Mar 2013 / Vol 6 / Issue 1 32
- 21.) Is there an association between the individual anatomy of the scapula and the development of rotator cuff tears or osteoarthritis of the glenohumeral joint?
A RADIOLOGICAL STUDY OF THE CRITICAL SHOULDER ANGLE
Moor BK, Bouaicha S, Rothenfluh DA, Sukthankar A, Gerber C.
Bone Joint J 2013;95-B:935-41
- 22.) Latissimus dorsi tendon transfer for the treatment of irreparable postero-superior rotator cuff tears: Long-term results with a minimal follow-up of 10 years
Gerber C, Rahm SA, Farshad M, Catanzaro S, **Moor BK**.
JBJS (Am). Accepted (number JBJS-D-13-00122R3)
- 23.) Relationship of individual scapular anatomy and degenerative rotator cuff tears.
Moor BK, Wieser K, Slankamenac K, Gerber C, Bouaicha S.
J Shoulder Elbow Surg. 2014 Apr;23(4):536-41. doi: 10.1016/j.jse.2013.11.008. Epub 2014
- 24.) Comparison of the critical shoulder angle in radiographs and computed tomography.
Bouaicha S, Ehrmann C, Slankamenac K, Regan WD, **Moor BK**.
Skeletal Radiol. 2014 Apr 18. [Epub ahead of print]
- 25.) Age, Trauma and the Critical Shoulder Angle accurately predict Supraspinatus Tendon Tears.
Moor BK, Röthlisberger M, Müller DA, Zumstein MA, Ehlinger M, Bouaicha S, Gerber C
Orthop Traumatol Surg Res. 2014, No. OTSR-RCO-D-13-00517R1
- 26.) Is the lateral extension of the acromion related to the outcome of shoulder injections?
Dietrich TJ, **Moor BK**, Puskas GJ, Pfirrmann CW, Hodler J, Peterson CK.
Eur Radiol. 2015 Jan;25(1):267-73. doi: 10.1007/s00330-014-3403-7.

- 27.) Extra-articular step osteotomy of the olecranon: A biomechanical assessment.
Zumstein MA, Bürki A, Massy AS, Zysset P, **Moor BK**.
Clin Biomech (Bristol, Avon). 2015 Dec;30(10):1043-8. doi:
10.1016/j.clinbiomech.2015.09.009. Epub 2015 Sep 16. PMID: 26443882
- 28.) Glenohumeral dislocation
Flückiger R., Raniga S., **Moor BK**, Zumstein M.A.
Arthroscopie Oct 2015
- 29.) Inclination-dependent changes of the critical shoulder angle significantly influence superior glenohumeral joint stability.
Moor BK, Kuster R, Osterhoff G, Baumgartner D, Werner CM, Zumstein MA, Bouaicha S.
Clin Biomech (Bristol, Avon). 2016 Feb;32:268-73. doi: 10.1016/j.clinbiomech.2015.10.013.
Epub 2015 Nov 4. PMID: 26577866
- 30.) Cross-Sectional Area of the Rotator Cuff Muscles in MRI - Is there Evidence for a Biomechanical Balanced Shoulder?
Bouaicha S, Slankamenac K, **Moor BK**, Tok S, Andreisek G, Finkenstaedt T.
PLoS One. 2016 Jun 23;11(6):e0157946. doi: 10.1371/journal.pone.0157946.
- 31.) BiPOD Arthroscopic Acromioclavicular Repair Restores Bidirectional Stability.
De Beer J, Schaer M, Latendresse K, Raniga S, **Moor BK**, Zumstein MA.
Orthopedics 2016;1-9
- 32.) Optimal Lateral Row Anchor Positioning in Posterior-Superior Transosseous Equivalent Rotator Cuff Repair: A Micro-Computed Tomography
Zumstein MA, Raniga S, Labrinidis A, Eng K, Bain GI, **Moor BK**.
Orthop J Sports Med 2016;4-11:2325967116671305.

Chapitres de livres

- 1.) Interaction of Flexor Tendons and Pulleys in Sport Climbing (P6)
Andreas Schweizer, **Beat K. Moor**, Hans-Peter Bircher
The Engineering of Sport; ISBN: 978-2-287-99053-3; 978-2-287-99054-0
- 2.) Open Latissimus Dorsi Transfer : Technique, Indications and Limits
Moor BK, Gerber C.
Nice Shoudler Course Book 2012
- 3.) Periprosthetic Joint Infection after Shoulder Arthroplasty
Parham Sendi, **Beat K. Moor**, Matthias A. Zumstein
Bone and joint infections: From Microbiology to Diagnostics and Treatment.
Publisher: Wiley-Blackwell, Editor: Werner Zimmerli, MD
- 4.) Biologics in Rotator Cuff Surgery
Schär MO, **Moor BK**, Zumstein MA
Nice Shoudler Course Book 2014
- 5.) Ultrastructure and Pathoanatomy of the Rotator Cuff
Matthias A. Zumstein, **Beat K. Moor**, Michael O. Schär
Normal and Pathological Anatomy of the Shoulder
Gregory I. Bain, Eiji Itoi, Giovanni Di Giacomo, Hiroyuki Sugaya

Referee for Scientific Journals

- American Journal of Shoulder and Elbow Surgery