

Mag. phil. Dr. med. univ. Dr. scient. med. Lena Hirtler

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Curriculum Vitae

Personal Details

Year of birth, place 27. April 1984, Vienna
Nationality Austria, Belgium

Academic studies

2013-2017 Applied Medical Sciences at the Medical University of Vienna; program "Bone and Joint Regeneration" (Prof. Dr. Peter Pietschmann)

Thesis (Supervisor: Prof. Dr. Franz Kainberger):
"Changes of the Intercondylar Notch and their impact on the morphology of the cruciate ligaments"

2004-2012 Nederlandistiek (Dutch language) at the University of Vienna

Thesis (Supervisor: Univ. Prof. Dr. Herbert van Uffelen): The Medicine in the Low Countries during the Golden Era
Graduation on 25.01.2012

2002-2010 Medicine at the Medical University of Vienna (MUW)

Thesis at the Department for Orthopedics, General Hospital of Vienna (Supervisor: Univ. Doz. Dr. Maria Sluga): Ilizarov-Apparat vs. Taylor Spatial Frame; Comparison of two methods for deformity correction
Graduation on 02.07.2010

Work Experience

Since April 2017	Medical Specialist at the Division of Anatomy, Center for Anatomy and Cell Biology, Medical University of Vienna
Since October 2016	Coordination of Body Donor Processing at the Division of Anatomy, Center for Anatomy and Cell Biology, Medical University of Vienna
01.10.2016	Degree of medical specialization in Anatomy
January until July 2015	Residency (6 months) at the Department of Orthopedic Surgery of the General Hospital Vienna (Medical University of Vienna)
October 2013	conclusion of MLW-decree (decree in Medical Education of the Medical University of Vienna)
since May 2013	Lecturer of Anatomy at the University of Brescia, Italy
January until June 2013	Residency (6 months) at the Division of Neuroradiology and Musculoskeletal Radiology at the Department of Biomedical Imaging and image-guided Therapy of the General Hospital Vienna (Medical University of Vienna)
since September 2011	Lecturer at the Nursing College of the University Hospital Vienna ("Biology, Anatomy and Physiology" and "General Surgery")
since October 2010	Lecturer at the Pedagogic Academy Vienna
September 2010 until March 2017	Resident at the Center of Anatomy and Cellbiology, Department of systematic Anatomy (Prof. Streicher), Studygroup Clinical Anatomy Währingerstraße 13, 1080 Wien focus: locomotor system, arthroscopic and microsurgical anatomy
since January 2010	Lecturer in anatomy for the Arbeiter-Samariterbund (ASB) Floridsdorf, paramedics-training
October 2008 until October 2009	Lecturer at the Wifi-Vienna for medical representatives

July 2007 until December 2009 Participation in study concerning long-term experience with Chiari's osteotomy at the Department for Orthopedics at the General Hospital of Vienna

Autum 2006 until Summer 2010 Tutor / Demonstrator at the Center for Anatomy and Cellbiology, Department for systematic Anatomy for dissection courses of the Medical Curriculum (Univ. Prof. Dr. Manfred Tschabitscher)

Memberships

Association for operational and educational standards for emergency medical services (ARGE AASS)

Association for the Promotion of Research in Arthroscopy and Microsurgery of the Musculoskeletal System (FAMS)

European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA)

American Association of Anatomy (AAA)

Anatomische Gesellschaft (AG)

Ao Foundation Craniomaxillofacial (Ao CMF)

Gesellschaft der Ärzte in Wien (College of Physicians in Vienna)

European Society of Radiology (ESR)

Deutsche Gesellschaft für Muskuloskelettale Radiologie (DGMSR)

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List of publications – Mag. DDr. Lena Hirtler

Original Articles

Anatomical Footprint of the Tibiali Anterior Muscle – Surgical Implications for Foot and Ankle Reconstructions.

Willegger W, Seyidova N, Schuh R, Windhager R, Hirtler L.
Biomed Res Int. 2017 [Accepted]

The cremasteric reflex and its muscle - a paragon of ongoing scientific discussion. A systematic review.

Schwarz G, Hirtler L.
Clin Anat. 2017 Mar 13. [Epub ahead of print]

The effect of simulated metastatic lesions on the biomechanical behavior of the proximal femur.

Benca E, Reisinger A, Patsch JM, Hirtler L, Synek A, Stenicka S, Windhager R, Mayr W, Pahr DH.
J Orthop Res. 2017 Feb 27. [Epub ahead of print]

The inferior medial genicular artery and its vascularization of the pes anserinus superficialis: A cadaveric study.

Hirtler L, Ederer M, Faber M, Weninger P.
Ind J Orthop. 2016 Nov-Dez 50 (6): 677-685.

The Femoral Intercondylar Notch During Life: An Anatomic Redefinition With Patterns Predisposing to Cruciate Ligament Impingement.

Hirtler L, Röhrich S, Kainberger F.
AJR Am J Roentgenol. 2016 Aug 4:1-10. [Epub ahead of print]

Magnetic Resonance Imaging Compatibility of a New Generation of Active Middle Ear Implant: A Clinically Relevant Temporal Bone Laboratory Study.

Schnabl J, Wolf-Magele A, Pok SM, Hirtler L, Heinz G, Sprinzl GM.
Otol Neurotol. 2016 Aug;37(7):e222-7.

Biomechanical stability of tape augmentation for anterior talofibular ligament (ATFL) repair compared to the native ATFL.

Willegger M, Benca E, Hirtler L, Hradecky K, Holinka J, Windhager R, Schuh R.
Knee Surg Sports Traumatol Arthrosc. 2016 Apr;24(4):1015-21. doi: 10.1007/s00167-016-4048-7. Epub 2016 Feb 15.

Abdominal aortic aneurysm and histological, clinical, radiological correlation.

Rodella LF, Rezzani R, Bonomini F, Peroni M, Cocchi MA, Hirtler L, Bonardelli S.
Acta Histochem. 2016 Apr;118(3):256-62. doi: 10.1016/j.acthis.2016.01.007. Epub 2016 Feb 5.

Relative Composition of Fibrous Connective and Fatty/Glandular Tissue in Connective Tissue Grafts Depends on the Harvesting Technique but not the Donor Site of the Hard Palate.

Bertl K, Pifl M, Hirtler L, Rendl B, Nürnberger S, Stavropoulos A, Ulm C.

J Periodontol. 2015 Dec;86(12):1331-9. doi: 10.1902/jop.2015.150346. Epub 2015 Aug 20.

MicroCT-based evaluation of the trabecular bone quality of different implant anchorage sites for masticatory rehabilitation of the maxilla.

Bertl K, Heimel P, Rökl-Riegler M, Hirtler L, Ulm C, Zechner W.

J Craniomaxillofac Surg. 2015 Jul;43(6):961-8. doi: 10.1016/j.jcms.2015.04.008. Epub 2015 Apr 17.

Comparison of Broström technique, suture anchor repair, and tape augmentation for reconstruction of the anterior talofibular ligament.

Schuh R, Benca E, Willegger M, Hirtler L, Zandieh S, Holinka J, Windhager R.

Knee Surg Sports Traumatol Arthrosc. 2016 Apr;24(4):1101-7. doi: 10.1007/s00167-015-3631-7. Epub 2015 May 10.

Effects of intraoperatively applied glucocorticoid hydrogels on residual hearing and foreign body reaction in a guinea pig model of cochlear implantation.

Honeder C, Landegger LD, Engleder E, Gabor F, Plasenzotti R, Plenk H, Kaider A, Hirtler L, Gstoettner W, Arnoldner C.

Acta Otolaryngol. 2015 Apr;135(4):313-9. doi: 10.3109/00016489.2014.986758. Epub 2015 Feb 26.

Acute and chronic menisco-capsular separation in the young athlete: diagnosis, treatment and results in thirty seven consecutive patients.

Hirtler L, Unger J, Weninger P.

Int Orthop. 2015 May;39(5):967-74. doi: 10.1007/s00264-014-2657-7. Epub 2015 Jan 22.

Radiological assessment of the inferior alveolar artery course in human corpse mandibles.

Bertl K, Hirtler L, Dobsak T, Heimel P, Gahleitner A, Ulm C, Plenk H Jr.

Eur Radiol. 2015 Apr;25(4):1148-53. doi: 10.1007/s00330-014-3484-3. Epub 2014 Nov 21.

Origin of the anterior cruciate ligament and the surrounding osseous landmarks of the femur.

Zauleck MK, Gabriel S, Fischmeister MF, Hirtler L.

Clin Anat. 2014 Oct;27(7):1103-10. doi: 10.1002/ca.22440. Epub 2014 Jul 25.

Dimensions and attachments of the ankle ligaments: evaluation for ligament reconstruction.

Wenny R, Duscher D, Meytap E, Weninger P, Hirtler L.

Anat Sci Int. 2015 Jun;90(3):161-71. doi: 10.1007/s12565-014-0238-x. Epub 2014 May 6.

Rovsing sign revisited-effects of an erroneous translation on medical teaching and research.

Prosenz J, Hirtler L.

J Surg Educ. 2014 Sep-Oct;71(5):738-42. doi: 10.1016/j.jsurg.2014.03.002. Epub 2014 Apr 18.

Intraoperative measurement for a new transcutaneous bone conduction hearing implant. Schnabl J, Wolf-Magele A, Pok SM, Schoerg P, Hirtler L, Schloegel M, Sprinzl G. Otol Neurotol. 2014 Aug;35(7):1242-7. doi: 10.1097/MAO.0000000000000351.

Cutaneous innervation of the ankle: an anatomical study showing danger zones for ankle surgery.

Duscher D, Wenny R, Entenfellner J, Weninger P, Hirtler L. Clin Anat. 2014 May;27(4):653-8. doi: 10.1002/ca.22347. Epub 2013 Dec 17.

Review Articles

Musculoskeletal imaging in preventive medicine. Kainberger F, Falkowski AL, Hirtler L, Riegler G, Schlegl T, Thaker S, Patsch J, Crevenna R. Wien Med Wochenschr. 2016 Feb;166(1-2):9-14. Epub 2016 Jan 27.

Case Reports

Muscle ruptures in posterior hip dislocation. A case report. Huber F, Hirtler L, Kainberger F. BJR Case Reports. 2017 (Epub ahead of print).

Multiple anatomical variations of the renal vessels associated with malrotated and unrotated kidneys: a case report. Buffoli B, Franceschetti L, Belotti F, Ferrari M, Hirtler L, Tschabitscher M, Rodella LF. Surg Radiol Anat. 2015 Nov;37(9):1133-6. doi: 10.1007/s00276-015-1446-3. Epub 2015 Feb 24.

Books / Book Chapters

P. Weninger, L. Hirtler. 100 Fragen und Antworten zum schmerzhaften Knie. 1st. ed. 2015. Goldegg Verlag.

C. Schueller-Weidekamm, L. Hirtler, F. Kainberger. Bildgebung. In: M. Engelhardt (Ed.). Sportverletzungen – GOTS Manual, 3. ed. 2016. Urban & Fischer Verlag / Elsevier GmbH

In Print:

P. Nicolai, M. Ferrari, R. Maroldi, MM. Fontanella, L. Hirtler, M. Tschabitscher, LF. Rodella (Ed.). Endoscopic Transnasal Anatomy of the Skull Base and Adjacent Areas. 1st ed. 2017 Georg Thieme Verlag KG (Publishing agreement signed).