

Curriculum vitae

Personal Details

Name / Surname **Armin Runer**
Address: Medical University of Innsbruck
Dept. of Orthopedics and Traumatology
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Professional Career

- 07.18 – today Residency: University Hospital of Orthopedics and Traumatology, Innsbruck, Austria
Dr. Rohit Arora
- 09.17 – 05.18 Common trunk: St. Vinzenz Hospital Zams, Austria
- 02.17 – 03.17 Clinical Clerkship: Orthopedic Trauma Service, Hospital of Special Surgery (HSS), New York City, USA
Dr. David L. Helfet, Dr. David S. Wellman
- 01.17 – 02.17 Clinical Clerkship: Sports Medicine Service, Hospital of Special Surgery (HSS), New York City, USA
Dr. Todd J. Albert, Dr. Russel Warren, Dr. Scott Rodeo
- 2015 – 2017 Research Assistant: Department of Orthopedics, Medical University of Innsbruck, Austria
Dr. Michael Liebensteiner
- 2013 – 2017 Operation Assistant: Various Surgeons (500 performed interventions)
- 01.11 – 02.11 Clinical elective: Department of Preventive and Rehabilitative Sports Medicine, University Hospital of Salzburg, Austria
DDr. Josef Niebauer
- 2013 – 2017 Executive board of the AGA-Students (Head and Deputy Head)
- 2013 – 2017 Head of AGA – Students Innsbruck
- 2013 – 2016 Students Assistant: Department of Anatomy, Medical University of Innsbruck, Austria

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| 2011 | Personal Coach: USI (University Sport Institute), Salzburg, Austria |
| 2009 | Student Assistant: Department of Sport Science and Kinesiology, University of Salzburg, Austria |

Education

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| 2011 – 2017 | Medical Degree: Medical University Innsbruck (GPA: 1.1) including clinical electives at <ul style="list-style-type: none"> - Schulthess Klinik, Zürich, Switzerland - Department of Emergency Care, Bolzano, Italy - Department of Trauma Surgery, Innsbruck, Austria - Department of Traumatology and Sport Injury, Salzburg, Austria |
| 2006 – 2013 | Sport Science and Kinesiology Degree: University of Salzburg, Austria (Summa cum laude) |
| 2007 – 2011 | Teaching Degree: University of Salzburg, Austria (not terminated) |
| 2009 – 2010 | Sport Science and Kinesiology Degree: Department of "Exercise Physiology" and "Kinesiology", San Diego State University, California, USA |

Prizes and Awards

- 2020: **1. Sporlastic Poster Award for Clinical Science:** Quadriceps Tendon- vs. Hamstring Tendon Autograft in Primary Anterior Cruciate Ligament Reconstruction: A matched-pair study with a mean follow-up of 71 month.
- 2019: **ÖGU Best Clinical Paper:** There is no difference between quadriceps- and hamstring tendon autografts in primary anterior cruciate ligament reconstruction: a 2-year patient-reported outcome study.
- 2015: **Young Investigator Award:** Medical University of Innsbruck Project „The Anterolateral Ligament – A Dissectional Study“
- 2015: American-Austrian Foundation **“Max-Kade” Clinical Fellowship**

Affiliations

- Society for Arthroscopy and Joint Surgery (AGA)
- ESSKA - European Society for Sports Traumatology, Knee Surgery and Arthroscopy

- GOTS – Society for Orthopaedic Traumatologic Sports Medicine

Reviewer for Scientific Journals

(Listed according to
frequency of activity)

- The Knee
- Knee Surgery, Sports Traumatology, Arthroscopy (KSSTA)

Qualifications and Continuing Education

- IOC Diploma of Sports medicine (Class of 2022)
- 2013 - 2020: AGA – Congress
- 2014 - 2018: ESSKA Congress
- 2014: F.A.M.E. Hands – On: 2. Master Class Symposium: Peripheral Knee Instability
- 2012: GOTS – Congress, Salzburg
- 2009: 29th Southwest Chapter ACSM (American College of Sports Medicine) Annual Meeting, San Diego (Ca)
- American Heart Association - First Aid, CPR and environmental emergencies

Medical Sports Team Support

- HC Innsbruck “Die Haie” (Professional Ice-Hockey Team)
- SSV Bozen Faustball (1. League Sports Team)
- Italian National Team of Fistball

Scientific Publications

(by 31.10.2020)

1. **Runer A**, Dammerer D, Kranewitter C, Giesinger J, Henninger B, Liebensteiner M. MRI Visibility, Injury Rates and Measurement Reliability of the Anterolateral Ligament and the Kaplan Fiber Complex in Adult and Pediatric Patients with Anterior Cruciate Ligament Rupture (under review)
2. **Runer A**, Roberti di Sarsina T, Starke V, Iltchev A, Felemt G, Braun S, Fink C, Csapo, R. Comparison of four different knee arthrometers for the evaluation of anterior tibial knee translation in healthy subjects (under review)

3. Liebensteiner M, **Runer A**, Kranewitter C, Nachtigal P, Giesinger J, Dammerer D, et al. MRI visibility of the anterolateral ligament and the deep structures of the iliotibial tract. *J Exp Orthop* 2020. <https://doi.org/10.1186/s40634-020-00244-8>.
4. Csapo R, **Runer A**, Hoser C, Fink C. Contralateral ACL tears strongly contribute to high rates of secondary ACL injuries in professional ski racers. *Knee Surgery, Sport Traumatol Arthrosc* 2020. <https://doi.org/10.1007/s00167-020-06234-8>.
5. **Runer A**, Csapo R, Hepperger C, Herbort M, Hoser C, Fink C. Anterior Cruciate Ligament Reconstructions With Quadriceps Tendon Autograft Result in Lower Graft Rupture Rates but Similar Patient-Reported Outcomes as Compared With Hamstring Tendon Autograft: A Comparison of 875 Patients. *Am J Sports Med* 2020. <https://doi.org/10.1177/0363546520931829>.
6. Ortmaier R, Fink C, Schobersberger W, Kindermann H, Leister I, **Runer A**, et al. Return to Sports after Anterior Cruciate Ligament Injury: a Matched-Pair Analysis of Repair with Internal Brace and Reconstruction Using Hamstring or Quadriceps Tendons. *Sport · Sport* 2020. <https://doi.org/10.1055/a-1019-0949>.
7. Rueckl K, **Runer A**, Bechler U, Faschingbauer M, Boelch SP, Sculco PK, et al. The posterior-anterior-flexed view is essential for the evaluation of valgus osteoarthritis. A prospective study on 134 valgus knees. *BMC Musculoskelet Disord* 2019. <https://doi.org/10.1186/s12891-019-3012-3>.
8. Massen FK, Inauen CR, Harder LP, **Runer A**, Preiss S, Salzmann GM. One-Step Autologous Minced Cartilage Procedure for the Treatment of Knee Joint Chondral and Osteochondral Lesions: A Series of 27 Patients With 2-Year Follow-up. *Orthop J Sport Med* 2019. <https://doi.org/10.1177/2325967119853773>.
9. Gföller P, Abermann E, **Runer A**, Hoser C, Pflüglmayer M, Wierer G, et al. Non-operative treatment of ACL injury is associated with opposing subjective and objective outcomes over 20 years of follow-up. *Knee Surgery, Sport Traumatol Arthrosc* 2019. <https://doi.org/10.1007/s00167-018-5296-5>.
10. Hackl W, Schneider F, Liebensteiner M, **Runer A**. Meniskustransplantation mit Allograft Meniscal allograft transplantation. *Arthroskopie* 2019. <https://doi.org/10.1007/s00142-019-00319-4>.
11. Peter G, Hoser C, **Runer A**, Abermann E, Wierer G, Fink C. Medial patellofemoral ligament (MPFL) reconstruction using quadriceps tendon autograft provides good clinical, functional and patient-reported outcome measurements (PROM): a 2-year prospective study. *Knee Surgery, Sport Traumatol Arthrosc* 2019. <https://doi.org/10.1007/s00167-018-5226-6>.
12. Hackl W, Schneider F, Liebensteiner M, **Runer A**. Meniscal allograft transplantation. *Arthroskopie* 2019. <https://doi.org/10.1007/s00142-019-00319-4>.
13. **Runer A**, Jungmann P, Welsch G, Kümmel D, Impellizzeri F, Preiss S, et al. Correlation between the AMADEUS score and preoperative clinical patient-reported outcome measurements (PROMs) in patients undergoing matrix-induced autologous chondrocyte implantation (MACI). *J Orthop Surg Res* 2019. <https://doi.org/10.1186/s13018-019-1107-z>.

14. Rueckl K, Boettner F, Maza N, **Runer A**, Bechler U, Sculco P. The posterior–anterior flexed view is better than the anterior–posterior view for assessing osteoarthritis of the knee. *Skeletal Radiol* 2018. <https://doi.org/10.1007/s00256-017-2815-2>.
15. Ferlic PW, **Runer A**, Seeber C, Thöni M, Seitlinger G, Liebensteiner MC. Segmental torsion assessment is a reliable method for in-depth analysis of femoral alignment in Computer Tomography. *Int Orthop* 2018. <https://doi.org/10.1007/s00264-017-3598-8>.
16. **Runer A**, Wierer G, Herbst E, Hepperger C, Herbort M, Gföller P, et al. There is no difference between quadriceps- and hamstring tendon autografts in primary anterior cruciate ligament reconstruction: a 2-year patient-reported outcome study. *Knee Surgery, Sport Traumatol Arthrosc* 2018. <https://doi.org/10.1007/s00167-017-4554-2>.
17. Ferlic PW, **Runer A**, Dirisamer F, Balcarek P, Giesinger J, Biedermann R, et al. The use of tibial tuberosity-trochlear groove indices based on joint size in lower limb evaluation. *Int Orthop* 2018. <https://doi.org/10.1007/s00264-017-3531-1>.
18. Ferlic PW, **Runer A**, Dammerer D, Wansch J, Hackl W, Liebensteiner MC. Patella Height Correlates With Trochlear Dysplasia: A Computed Tomography Image Analysis. *Arthrosc - J Arthrosc Relat Surg* 2018. <https://doi.org/10.1016/j.arthro.2018.01.051>.
19. Ernstbrunner L, **Runer A**, Siegert P, Ernstbrunner M, Becker J, Freude T, et al. A prospective analysis of injury rates, patterns and causes in Cliff and Splash Diving. *Injury* 2017. <https://doi.org/10.1016/j.injury.2017.08.007>.
20. **Runer A**, Lampl K, Neunhäuserer D, Runer F, Frick N, Seitlinger G, et al. A 1-year prospective analysis of ice climbing injuries. *Clin J Sport Med* 2017. <https://doi.org/10.1097/JSM.0000000000000326>.
21. Wierer G, **Runer A**, Hoser C, Herbst E, Gföller P, Fink C. Acute ACL reconstruction in patients over 40 years of age. *Knee Surgery, Sport Traumatol Arthrosc* 2017. <https://doi.org/10.1007/s00167-016-4363-z>.
22. Wierer G, **Runer A**, Gföller P, Fink C, Hoser C. Extension deficit after anterior cruciate ligament reconstruction: Is arthroscopic posterior release a safe and effective procedure? *Knee* 2017. <https://doi.org/10.1016/j.knee.2016.09.018>.
23. Carbone S, Moroder P, **Runer A**, Resch H, Gumina S, Hertel R. Scapular dyskinesis after Latarjet procedure. *J Shoulder Elb Surg* 2016;25:422–7. <https://doi.org/10.1016/j.jse.2015.08.001>.
24. **Runer A**, Birkmaier S, Pamminger M, Reider S, Herbst E, Künzel KH, et al. The anterolateral ligament of the knee: A dissection study. *Knee* 2016. <https://doi.org/10.1016/j.knee.2015.09.014>.
25. Wierer G, **Runer A**, Hoser C, Gföller P, Fink C. Anatomical MCL reconstruction following TKA. *Knee* 2016. <https://doi.org/10.1016/j.knee.2016.06.006>.
26. Moroder P, **Runer A**, Kraemer M, Fierlbeck J, Niederberger A, Cotofana S, et al. Influence of defect size and localization on the engagement of reverse hill-sachs lesions. *Am J Sports Med* 2015. <https://doi.org/10.1177/0363546514561747>.
27. Becker J, **Runer A**, Neunhäuserer D, Frick N, Resch H, Moroder P. A prospective study of downhill mountain biking injuries. *Br J Sports Med* 2013. <https://doi.org/10.1136/bjsports-2012-091755>.

28. **Runer A**, Runer F, Neunhäuserer D, Moroder P. Faustball: Eine einjährige prospektive Studie. Sport - Sport - Sport Orthop Traumatol 2012.
<https://doi.org/10.1016/j.orthtr.2012.02.032>.
29. **Runer A**, Lampl K, Neunhäuserer D, Moroder P. Eisklettern: eine Risikosportart? Sport - Sport - Sport Orthop Traumatol 2012. <https://doi.org/10.1016/j.orthtr.2012.02.053>.
30. Moroder P, **Runer A**, Hoffelner T, Frick N, Resch H, Tauber M. A prospective study of snowkiting injuries. Am J Sports Med 2011.
<https://doi.org/10.1177/0363546511398214>.
31. Moroder P, **Runer A**, Resch H, Tauber M. Low back pain among medical students. Acta Orthop Belg 2011.

The full and updated list of publication can be found on Pubmed

<https://pubmed.ncbi.nlm.nih.gov/?term=Runer%2C+A&size=200>



Scientific Talks

(by 31.10.2020)

- 20. Tagung GPS Sportmedizin 2020: Pädiatrische Kreuzbandverletzungen
- Stellenwert des Platelet-Rich Plasmas (PRP) in der Unfallchirurgie und Orthopädie (clinic intern)
- Award Winning Lecture ÖGU – Congress 2019: There is no difference between quadriceps- and hamstring tendon autografts in primary anterior cruciate ligament reconstruction: a 2-year patient-reported outcome study
- ÖGU – Congress 2019: Minimal invasive Rekonstruktion des Medialen Patellofemoralen Ligaments (MPFL) mittels Quadrizepssehnen Autograft: Klinische, funktionelle und subjektive Ergebnisse einer 2-jährigen, prospektiven Studie
- ÖGU – Congress 2019: Vergleich von Hamstring- und Quadrizepssehnen-Autograft bei Vorderer Kreuzbandrekonstruktion: Eine Datenbankanalyse mit 875 Fällen
- PHILOS-SIM - Eine prospektive, multicenter Interventionsstudie zur Vorhersage des mechanischen Versagens mittels Computersimulation bei PHILOS Plattenfixation in Patienten mit proximaler Humeruskopffraktur (clinic intern)
- Zugschraubenosteosynthese des hintern Acetabulumpfeilers über einen vorderen Zugang unter zweidimensionaler Bildwandlerkontrolle (clinic intern)

- 36. AGA – Congress 2019: Minimal invasive Rekonstruktion des Medialen Patellofemorales Ligaments (MPFL) mittels Quadrizepssehnen Autograft: Klinische, funktionelle und subjektive Ergebnisse einer 2-jährigen, prospektiven Studie
- Untersuchungskurs Kniegelenk (*AGA Students Day 2017, 2018, 2019*)
- Untersuchungskurs Schultergelenk (*AGA Students Day 2019*)
- Präoperative Planung und intraoperative Positionierung einer SI-Schraube bei hinteren Beckenringverletzungen (clinic intern)
- Physical Therapy Continuing Education 2018 Hochrum: Quadriceps Tendon – The new Gold Standard for Anterior Cruciate Ligament Reconstruction?
- 35. AGA – Congress 2018: Arthroskopische Anatomie und diagnostischer Rundgang des Kniegelenks (Student Section)
- 34. AGA – Congress 2017: Quadrizeps- vs. Hamstringsehne bei Primärer Vorderer Kreuzband Rekonstruktion: Eine “patient-reported-outcome-measurment” (PROM) Studie
- 34. Berliner Arthroskopie-, Gelenk- und Sportmedizin-Symposium 2017: Brennpunkt VKB – Plastik: die schwere Wahl des richtigen Transplantats
- 31. AGA – Congress 2014: „Das anterolaterale Kniekompartiment: Eine Kadaverstudie des anterolateralen Ligaments (ALL)
- F.A.M.E. Hands – On: 2. Master Class Symposium: Peripheral Knee Instability: The Mystery of the ALL – Existiert das Anterolaterale Ligament wirklich?
- 27. Annual congress of the Society for Orthopaedic Traumatologic Sports Medicine (GOTS): „Faustball - Eine einjährige prospektive Studie“
- 27. Annual congress of the Society for Orthopaedic Traumatologic Sports Medicine (GOTS): „Eisklettern – Eine Risikosportart?“

University Lectures

(by 31.10.2020)

- Ready for Trauma – Fit für die Unfallchirurgie (2020)
- Muskuloskeletaler Untersuchungskurs (2019, 2020)



Innsbruck 31.10.2020