



## PUBLICATIONS

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Specialist in orthopaedics and traumatology

### I. Publications

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1. Craniomaxillofacial Trauma: Synopsis of 14,654 Cases with 35,129 Injuries in 15 Years (Kraft A, **Abermann E**, Stigler R, Zsifkovits C, Pedross F, Kloss F, Gasser R) – Craniomaxillofacial Trauma and Reconstruction 03/2012
2. Minimally invasive harvest of a quadriceps tendon graft with or without bone block (Fink C, Herbort M, **Abermann E**, Hoser C) – Arthroscopy techniques 08/2014
3. Klinisch-radiologische Ergebnisse der vorderen Kreuzbandruptur in Bezug auf die Arthroseentwicklung (**Abermann E**, Hoser C, Benedetto KP, Fink C) – Arthroskopie Jänner 2015
4. Novel treatment for patella baja – modified Z-plasty (Wierer G, Hoser C, Herbst E, **Abermann E**, Fink C) – KSSTA 03/2015
5. Impact of surgical timing on the outcome of anterior cruciate ligament reconstruction (Herbst E, Hoser C, Gföller P, Hepperger C, **Abermann E**, Neumayer K, Musahl V, Fink C) – KSSTA 08/2016
6. Sports activity is maintained or increased following total knee arthroplasty (Hepperger C, Gföller P, **Abermann E**, Hoser C, Ulmer H, Herbst E, Fink C) – KSSTA 03/2017
7. Medial patellofemoral ligament (MPFL) reconstruction using quadriceps tendon autograft provides good clinical, functional and patient-reported outcome measurements (PROM): a 2-year prospective study. (Gföller P, Hoser C, Runer A, **Abermann E**, Wierer G, Fink C) KSSTA 8/2019
8. Non-operative treatment of ACL injury is associated with opposing subjective and objective outcomes over 20 years of follow-up. (Gföller P, **Abermann E**, Runer A, Hoser C, Pflüglmayer M, Wierer G, Fink C) – KSSTA 08/2019
9. Anterior cruciate ligament reconstruction using a ribbon-like graft with a cshaped tibial bone tunnel. (Fink C, Smigielski R, Siebold R, **Abermann E**, Herbort M) – Arthroscopy Techniques 01/2020

10. Herbort M, **Abermann E**, Feller JA, Fink C (2021) Anterolateral stabilization using the modified ellison technique-Treatment of anterolateral instability and reduction of ACL re-rupture risk]. Oper Orthop Traumatol. 10.1007/s00064-021-00741-8
11. **Abermann E**, Wierer G, Herbort M, Smigielski R, Fink C (2022) MCL Reconstruction Using a Flat Tendon Graft for Anteromedial and Posteromedial Instability. Arthrosc Tech 11(3):e291-e300
12. Meena A, Hoser C, **Abermann E**, Hepperger C, Raj A, Fink C (2022) Total knee arthroplasty improves sports activity and the patient-reported functional outcome at mid-term follow-up. Official Journal of the ESSKA
13. Nogalo C, Meena A, **Abermann E**, Fink C (2022) Complications and downsides of the robotic total knee arthroplasty: a systematic review. Official Journal of the ESSKA
14. Meena A, **Abermann E**, Hoser C, Farinelli L, Hepperger C, Raj A, Patralekh MK, Fink C (2022) No difference in sports participation and patient-reported functional outcomes between total knee arthroplasty and unicompartmental knee arthroplasty at minimum 2-year follow-up in a matched control study. Knee Surg Sports Traumatol Arthrosc 10.1007/s00167-022-07166-1
15. Meena A, Farinelli L, Hoser C, **Abermann E**, Raj A, Hepperger C, Herbort M, Fink C (2022) Revision ACL reconstruction using quadriceps, hamstring and patellar tendon autografts leads to similar functional outcomes but hamstring graft has a higher tendency of graft failure. Knee Surg Sports Traumatol Arthrosc. 2022 Oct 20. doi: 10.1007/s00167-022-07200-2
16. Meena A, D'Ambrosi R, Runer A, Raj A, Attri M, **Abermann E**, Hoser C, Fink C (2022) Quadriceps tendon autograft with or without bone block have comparable clinical outcomes, complications and revision rate for ACL reconstruction: a systematic review. Knee Surg Sports Traumatol Arthrosc. 2022 Dec 19. 10.1007/s00167-022-07281-z
17. Fink C, Farinelli L, **Abermann E**, Meena A, Smigielski R, Herbort M (2023) Posterior Cruciate Ligament Reconstruction Using Flat Soft-Tissue Grafts. Arthrosc Tech. 2023 Jan 18;12(2):e261-e271
18. Meena A, Hoser C, **Abermann E**, Hepperger C, Raj A, Fink C (2023) Total knee arthroplasty improves sports activity and the patient-reported functional outcome at mid-term follow-up. Knee Surg Sports Traumatol Arthrosc. 2023 Mar;31(3):905-913
19. Klausner F, Csapo R, Gonaus C, Gföller P, Hoser C, Braun S, **Abermann E**, Fink C (2023) [Importance and application of injury prevention in Austrian football - a survey among 687 coaches]. Sportverletz Sportschaden 2023 Mar;37(1):37-44
20. Farinelli L, **Abermann E**, Meena A, Ueblacker P, Hahne J, Fink C (2023) Return to Play and Pattern of Injury After ACL Rupture in a Consecutive Series of Elite UEFA Soccer Players. Orthop J Sports Med. 2023 Mar 3;11(3):23259671231153629
21. Meena A, Farinelli L, Hoser C, **Abermann E**, Raj A, Hepperger C, Herbort M, Fink C (2023) Quadriceps autograft is a viable graft choice for arthroscopic ACL reconstruction in patients over 50 years of age. Knee Surg Sports Traumatol Arthrosc. 2023 Mar 14
22. Farinelli L, Csapo R, Meena A, **Abermann E**, Hoser C, Fink C (2023) Concomitant Injuries Associated With ACL Rupture in Elite Professional Alpine Ski Racers and Soccer Players: A Comparative Study With Propensity Score Matching Analysis. Orthop J Sports Med 2023 Aug 17;11(8):23259671231192127. doi: 10.1177/23259671231192127.

23. Farinelli L, Meena A, Sonnery-Cottet B, Vieira TD, Pioger C, Tapasvi S, **Abermann E**, Hoser C, Fink C (2023) Distal Kaplan fibers and anterolateral ligament injuries are associated with greater intra-articular internal tibial rotation in ACL-deficient knees based on magnetic resonance imaging. *J Exp Orthop*. 2023 Nov 9;10(1):113. doi: 10.1186/s40634-023-00682-0
24. Farinelli L, Meena A, Sonnery-Cottet B, Vieira TD, Pioger C, Gigante A, **Abermann E**, Hoser C, Fink C (2023) Increased Intra-Articular Internal Tibial Rotation Is Associated With Unstable Medial Meniscus Ramp Lesions in ACL-Injured Athletes: An MRI Matched-Pair Comparative Study. *Arthrosc Sports Med Rehabil*. 2023 Dec 16;6(1):100839. doi: 10.1016/j.asmr.2023.100839
25. D'Ambrosi R, Milinkovic DD, **Abermann E**, Herbort M, Fink C (2024) Quality of YouTube Videos Regarding Anterior Cruciate Ligament Reconstruction Using Quadriceps Tendon Autograft Is Unsatisfactory. *Arthroscopy*. 2024 Jan 6:S0749-8063(24)00002-1. doi: 10.1016/j.arthro.2024.01.002.
26. Meena A, Farinelli L, Hoser C, **Abermann E**, Hepperger C, Patralekh MK, Herbort M, Fink C (2024) Primary Versus Revision ACL Reconstruction Using Quadriceps Autograft: A Matched-Control Cohort Study (2024) *Orthop J Sports Med*. 2024 Feb 1;12(2):23259671231224501. doi: 10.1177/23259671231224501.
27. Runer A, Klotz S, Schneider F, Egelseer T, Csapo R, Hoser C, **Abermann E**, Mayr R, Raas C, Attal R, Arora R, Fink C, Liebensteiner M (2024) Medial Patellofemoral Ligament Reconstruction Using Pedicled Quadriceps Tendon Autograft Yields Similar Clinical and Patient-Reported Outcomes but Less Donor-Site Morbidity Compared With Gracilis Tendon Autograft. *Arthroscopy*. 2024 Feb;40(2):438-445. doi: 10.1016/j.arthro.2023.07.006.
28. D'Ambrosi R, Kambhampati SB, Meena A, Milinkovic DD, **Abermann E**, Fink C. The "Golden Age" of quadriceps tendon grafts for the anterior cruciate ligament: A bibliometric analysis. *J ISAKOS*. 2024 Mar 14:S2059-7754(24)00052-X. doi: 10.1016/j.jisako.2024.03.007. Epub ahead of print. PMID: 38492850.
29. D'Ambrosi R, Carrozzo A, Meena A, Corona K, Yadav AK, Annibaldi A, Kambhampati SBS, **Abermann E**, Fink C. A slight degree of osteoarthritis appears to be present after anterior cruciate ligament reconstruction compared with contralateral healthy knees at a minimum of 20 years: A systematic review of the literature. *J Exp Orthop*. 2024 Apr 4;11(2):e12017. doi: 10.1002/jeo2.12017. PMID: 38577065; PMCID: PMC10993150.
30. Nogalo C, Farinelli L, Meena A, di Maria F, **Abermann E**, Fink C. Robotic-assisted total knee arthroplasty is not associated with improved accuracy in implant position and alignment compared to conventional instrumentation in the execution of a preoperative digital plan. *J Exp Orthop*. 2024 Apr 2;11(2):e12019. doi: 10.1002/jeo2.12019. PMID: 38572393; PMCID: PMC10985632.

## II. Book articles

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1. Bony Avulsion with Open Physis (**Abermann E**, Gföller P, Hoser C, Fink C) – Anterior Cruciate Ligament Reconstruction (Siebold, Dejour, Zaffagnini) Springer 2014
2. Wandern und Skitouren gehen mit Knieendoprothetik – Sinnvoll oder unvernünftig? (**Abermann E**, Hoser C, Gföller P, Benedetto KP, Fink C) – Jahrbuch für Alpin- und Höhenmedizin 2013
3. Frische Kapsel-Bandverletzungen des Kniegelenkes (Benedetto KP, Fink C, **Abermann E**) – Das Knie Neuauflage (Kohn) Thieme 2015
4. Acute ACL Tear in a Skier (Fink C, Herbort M, Hoser C, **Abermann E**) – Knee Arthroscopy A Case Repository 2019

5. Ein minimal invasiver Eingriff an der Hüfte mit großen Folgen: Von einem schonenden Zugang zur Luxation und Girdlestone Situation (**Abermann E**, Naal F) – Misslungene Interventionen in der Extremitäten- und Wirbelsäulenchirurgie (Meyer, Moro, Schwyzer, Jeszenszky) Springer 2020
6. Basics in 2D-Planning in Total Knee Arthroplasty (Fink C, **Abermann E**) ESSKA Instructional Course Lecture Book 2020
7. ACL Reconstruction using a flat Quadriceps Tendon Graft without bone block (Fink C, **Abermann E**, Simigielski R, Siebold R, Herbort M) ESSKA Instructional Course Lecture Book 2020
8. After Partial or Total Knee Arthroplasty (Hepperger C, Fink C, **Abermann E**, Gföller P) Basics in Primary Knee Arthroplasty

### III. Posters

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1. Untypische Komplikation einer offenen Fersenbeinfraktur (Fallbericht) – ÖGU Kongress 2013
2. Bone- vs. Soft-tissue Quadriceps Tendon Autograft for Anterior Cruciate Ligament Reconstruction, 40.AGA Kongress Berlin, 2023

### IV. Lectures

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1. Knieprothese und Sport – Hemi- und Totalprothese – Kniegespräche Bad Hall 2012
2. Ergebnisse der vorderen Kreuzbandrekonstruktion bei Patienten über 40, 50 und 60 Jahren – Alters- und Geschlechtsunterschiede – AGA Kongress 2014
3. Degenerative Veränderungen am Großzehengrundgelenk – Ist die Arthroskopie eine sinnvolle Therapieoption? – AGA Kongress 2014
4. Unfallmechanismus und Verletzungsspektrum bei Knieluxationen – 3.Jahreskongress der Deutschen Kniegesellschaft 2014
5. Bestimmende Faktoren für das Ergebnis nach vorderer Kreuzbandrekonstruktion – Ergebnisse einer Umfrage an Patienten, Therapeuten und Chirurgen – AGA Kongress 2015
6. 2-Jahres-Ergebnisse der vorderen Kreuzbandplastik mit Quadricepssehnentransplantat – Eine Alternative für die primäre Rekonstruktion – AGA Kongress 2016
7. 2-Jahres-Ergebnisse der MPFL-Rekonstruktion mit gestieltem Quadricepssehnentransplantat – Eine Alternative für die primäre Rekonstruktion - AGA Kongress 2016
8. Kreuzbandtransplantat – wie ich es auswähle – Arbeitskreis Knie ÖGU 2020
9. Die kindliche vordere Kreuzbandverletzung / 11+ Kids – Warm-up für kleine Fußballer. Physio Fortbildung, 2021
10. Das schmerzhafte kindliche Kniegelenk, Physio Fortbildung, 2021
11. Der neue Weg zum neuen Knie- Neue Technologien in der Knieendoprothetik, Physio Fortbildung, 2021

12. Revision des medialen Bandkomplexes- Arbeitskreis Knie ÖGU, 2022
13. Knorpel & Arthrose, Physio Fortbildung, Hochrum, 2022
14. Prothetik, Physio Fortbildung, Hochrum, 2022
15. Zurück zum Ursprung- Knieanatomie revisited, Unfallchirurgie Kongress, Graz, 21.-  
22.04.2023
16. Das instabile Gelenk, Physio Fortbildung, Hochrum, 2023
17. Therapie des Meniskusschadens, Traumakurs (Extremitätentrauma & Kindertrauma), Alpbach,  
08 – 12.05.2023
18. Prinzipien der Kniegelenks-Arthroskopie, Traumakurs (Extremitätentrauma & Kindertrauma),  
Alpbach, 08 – 12.05.2023
19. Update Vorderes Kreuzband, Physio Fortbildung, Hochrum, 2023
20. Rotationsinstabilitäten des Kniegelenks: Welche Rolle spielen die peripheren Stabilisatoren für  
die Therapie? 5. Kongress Sportmedizin, Ludwigshafen, 01. – 02.03.2024
21. Sport im Sommer mit neuen Gelenken, Expertengespräch Hochrum, 2024
22. HKB-Ruptur- was gibt es Neues? 2. Ragnitzer Orthopädie & Unfallchirurgie Kongress, Graz  
11.04 – 13.04.2024
23. Mediale Instabilität – von anteromedial bis posteromedial, Wiener Arthroskopiekurs Knie,  
Wien, 24.04 – 26.04.2024
24. Anterolaterale Instabilität – modifizierter Lemaire vs. Ellison, Wiener Arthroskopiekurs Knie,  
Wien, 24.04 – 26.04.2024
25. Therapie des Meniskusschadens, Traumakurs (Extremitätentrauma & Kindertrauma), Alpbach,  
13 – 17.05.2024
26. Prinzipien der Kniegelenks-Arthroskopie, Traumakurs (Extremitätentrauma & Kindertrauma),  
Alpbach, 13 – 17.05.2024