



PUBLICATIONS

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Specialist in orthopaedics and traumatology

I. Publications

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, Herbolt 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**, Herbolt M) – Arthroscopy Techniques 01/2020

10. Herbolt 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, Herbolt 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, Herbolt 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, Herbolt 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, Herbolt 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**, Herbert 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, Herbert 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. Farinelli L, Meena A, Tapasvi S, **Abermann E**, Fink C, Hoser C. Double-Needle Technique for Temporary Stabilization of Unstable Meniscal Tear During All-Inside Meniscal Repair. *Arthrosc Tech*. 2024 Feb 9;13(5):102927. doi: 10.1016/j.eats.2024.102927. PMID: 38835460; PMCID: PMC11144741.
29. 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.
30. 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.
31. 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.
32. Di Maria F, Das S, **Abermann E**, Hoser C, Fink C. Pulsed lavage is associated with better quality of bone-cement-implant interface in knee arthroplasties (TKA/UKA) compared to syringe lavage in vitro; however, clinical data are missing: A systematic review. *J Exp Orthop*. 2024 May 20;11(3):e12027. doi: 10.1002/jeo2.12027. PMID: 38774578; PMCID: PMC11106550.
33. Franco P, Jolly A, **Abermann E**, Fink C, Hoser C. Transtibial Pullout for Medial Meniscus Posterior Root Reconstruction With Split-Gracilis Autograft. *Arthrosc Tech*. 2024 Jul 1;13(11):103107. doi: 10.1016/j.eats.2024.103107. PMID: 39711896; PMCID: PMC11662870.

34. Runer A, Meena A, Jucho L, Wierer G, Csapo R, **Abermann E**, Herbort M, Hoser C, Fink C. No Clinical Advantage of Harvesting a Patellar Bone Block Compared With All Soft-Tissue Graft in Primary Quadriceps Tendon Anterior Cruciate Ligament Reconstruction. *Arthroscopy*. 2024 Aug 28:S0749-8063(24)00611-X. doi: 10.1016/j.arthro.2024.08.013. Epub ahead of print. PMID: 39209073.
35. Di Maria F, D'Ambrosi R, Sconfienza LM, Fusco S, **Abermann E**, Fink C. The posterior cruciate ligament angle in the setting of anterior cruciate ligament deficient knees: the effect of gender, age, time from injury and tibial slope. *Radiol Med*. 2025 Jan 25. doi: 10.1007/s11547-025-01951-x. Epub ahead of print. PMID: 39863738.
36. D'Ambrosi R, Corona K, Cerciello S, Guerra G, Mercurio M, Galasso O, Valli F, **Abermann E**, Fink C. Combining an Anterolateral Complex Procedure With Anterior Cruciate Ligament Reconstruction Reduces Graft Reinjury Without Increasing the Rate of Complications: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Am J Sports Med*. 2025 Jan 12:3635465241285887. doi: 10.1177/03635465241285887. Epub ahead of print. PMID: 39799408.
37. D'Ambrosi R, Farinelli L, Kambhampati SBS, Sconfienza LM, Gitto S, **Abermann E**, Fink C. Low rate of growth disturbance after posterior cruciate ligament reconstruction or repair in skeletally immature patients: A systematic review. *J ISAKOS*. 2025 Feb;10:100378. doi: 10.1016/j.jisako.2024.100378. Epub 2024 Dec 16. PMID: 39694465.
38. D'Ambrosi R, Sconfienza LM, Albano D, Meena A, **Abermann E**, Fink C. Can MRI predict return to sport after anterior cruciate ligament reconstruction? A systematic review of the literature. *Radiol Med*. 2025 Mar 10. doi: 10.1007/s11547-025-01973-5. Epub ahead of print. PMID: 40063165.
39. Fink C, Marchetti A, Schwäblein T, Herbort M, **Abermann E**. Rekonstruktion des vorderen Kreuzbands mit der Quadrizepssehne und rechteckigem femoralen Knochenkanal [Reconstruction of the anterior cruciate ligament with the quadriceps tendon and a rectangular femoral bone tunnel]. *Unfallchirurgie (Heidelb)*. 2025 Mar 5. German. doi: 10.1007/s00113-025-01547-0. Epub ahead of print. PMID: 40044945.
40. D'Ambrosi R, Marchetti A, Farinelli L, Meena A, Franco P, Sconfienza LM, Cristiani R, Herbst E, Kittl C, Herbort M, **Abermann E**, Fink C. The majority of elite and professional athletes return to the preinjury level of activity after ACL reconstruction: A systematic review and meta-analysis. *Knee Surg Sports Traumatol Arthrosc*. 2025 Aug 31. doi: 10.1002/ksa.70020. Epub ahead of print. PMID: 40886081.
41. D'Ambrosi R, Di Maria F, Sconfienza LM, Fusco S, Bausano MV, Sica M, Silletta F, **Abermann E**, Fink C. No differences in knee anthropometric-related risk factors between unilateral and bilateral ACL reconstruction: A matched MRI-based cohort study. *J Exp Orthop*. 2025 Aug 5;12(3):e70394. doi: 10.1002/jeo2.70394. PMID: 40766799; PMCID: PMC12322698.
42. Meena A, Farinelli L, de Sa D, D'Ambrosi R, Hoser C, **Abermann E**, Herbort M, Fink C. Comparison of Clinical Outcomes, Revision Rates, and Sports Participation Between Hamstring and Quadriceps Tendon Autografts for Anterior Cruciate Ligament Reconstruction in Pediatric and Adolescent Patients: A Retrospective Cohort Study. *Am J Sports Med*. 2025 Sep 12:3635465251370616. doi: 10.1177/03635465251370616. Epub ahead of print. PMID: 40938108.

II. Book articles

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

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

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. Revision des medialen Bandkomplexes- Arbeitskreis Knie ÖGU, 2022
10. Zurück zum Ursprung- Knieanatomie revisited, Unfallchirurgie Kongress, Graz, 21.- 22.04.2023
11. Therapie des Meniskusschadens, Traumakurs (Extremitätentrauma & Kindertrauma), Alpbach, 08 – 12.05.2023
12. Prinzipien der Kniegelenks-Arthroskopie, Traumakurs (Extremitätentrauma & Kindertrauma), Alpbach, 08 – 12.05.2023
13. Rotationsinstabilitäten des Kniegelenks: Welche Rolle spielen die peripheren Stabilisatoren für die Therapie? 5. Kongress Sportmedizin, Ludwigshafen, 01. – 02.03.2024
14. HKB-Ruptur- was gibt es Neues? 2. Ragnitzer Orthopädie & Unfallchirurgie Kongress, Graz 11.04 – 13.04.2024
15. Mediale Instabilität – von anteromedial bis posteromedial, Wiener Arthroskopiekurs Knie, Wien, 24.04 – 26.04.2024
16. Anterolaterale Instabilität – modifizierter Lemaire vs. Ellison, Wiener Arthroskopiekurs Knie, Wien, 24.04 – 26.04.2024
17. Therapie des Meniskusschadens, Traumakurs (Extremitätentrauma & Kindertrauma), Alpbach, 13 – 17.05.2024
18. Prinzipien der Kniegelenks-Arthroskopie, Traumakurs (Extremitätentrauma & Kindertrauma), Alpbach, 13 – 17.05.2024
19. Akute Verletzungen der medialen Strukturen, Wann was wie und warum? 9. Master Class Symposium, Periphere Knie-Instabilität, Münster 17.10 – 20.10.2024
20. Falldiskussionen, Knee & Ski 2025 advanced.knee.surgery, Fieberbrunn 19.02 – 23.02.2025
21. Workshop – Wet Lab, Wiener Arthroskopiekurs, Wien 08.04 – 11.04.2025
22. Live Demonstration: Flat MCL Reconstruction, World Surgery Tour, Köln 12.05. – 16.05.2025
23. Redislokation der Patella nach Mpfl Rekonstruktion, 42. AGA Kongress, Hamburg 11.09 – 13.09.2025
24. Belastungsmuster des Kniegelenkes, Fokus VKB, Sportmedizin: Orthopädisch-traumatologisch-physikalischer Grundkurs II, Tiroler Ärztetage, Hall 19.09 – 20.09.2025