

Martin Faschingbauer

a. GENERAL INFORMATION

Name: Martin Faschingbauer, MD, professor, MBA

Office address: Department of Orthopaedics, Klinik Penzing
Sanatoriumstrasse 2
A 1140 Wien
Tel: +43.1.91060.0

b. EDUCATIONAL BACKGROUNDS

High School: 1998 - 2000 Matura at BG BRG ORG Polgarstraße, Vienna

University: 2001 - 2003 Architecture, TU Vienna

2004 - 2010 Medicine, Medical University of Vienna, MD

2018 - 2020 Master of Business Administration,
International University Bad Honnef, MBA

c. PROFESSIONAL EDUCATION

Postdoctoral Training

Residency Training:

11/2010 – 04/2011 Trauma Hospital of Vienna, Wien Meidling AUVA
(Prof. Dr. med. Schedl)

05/2011 – 12/2013 Department for Orthopaedic Surgery, University Ulm

01/2014 – 12/2014 Department for Trauma Surgery, University Ulm

01/2015 – 12/2015 Clinical and Research Fellowship, Hospital for Special Surgery,
Weill Cornell University, 10021 New York, USA

01/2016 – 11/2016 Department for Orthopaedic Surgery, University Ulm

Academic Positions

Doctoral Thesis	2010, Epigenetic Changes of Blood Cells in Healthy Stem Cell Donors after Administration of G-CSF (Prof. Dr. G. Leitner and Prof. Dr. G. Weigel), Dr. med. univ. (MUW, Wien)
Doctoral Thesis	2014, Can the tibial slope be measured on lateral knee radiographs? (Prof. Dr. H. Reichel), Dr. med. (University of Ulm)
Habilitation	2018, The paradigm of the tibial cut in modern knee arthroplasty: effects of different tibial cuts on knee kinematics, pressure distribution and the patellofemoral joint in the constitutional varus knee (Prof. Dr. H. Reichel), Associate Professor (University of Ulm)

Hospital Position

2010 – 2016	Residency, Certification as Orthopaedic Surgeon 11/2016
2016 – 2018	Assistant Attending Orthopaedic Surgery, University of Ulm
2018 – 2024	Associate Attending Orthopaedic Surgery, University of Ulm
2016 – 2024	Head of the Adult Reconstruction and Joint Replacement Service at the Department for Orthopaedic Surgery at the University of Ulm, Germany
2018 – 2024	Head of the Musculoskeletal Tumor Service at the Department for Orthopaedic Surgery at the University of Ulm, Germany
2016 – 2024	Member of the Multidisciplinary Tumor Board Musculoskeletal Tumors / Sarcomas, University of Ulm, Germany
2018 – 2024	Responsible for the training of medical students in the clinical year (6 th year) in the field of orthopaedics, University of Ulm, Germany
2020 – 2024	Geschäftsführender Oberarzt, Department for Orthopaedic Surgery, University Ulm
2024 – until now	Surgeon in Chief, Department of Orthopaedic Surgery, Klinik Penzing, Wien, Austria

d. PROFESSIONAL MEMBERSHIPS

1. German Society for Orthopaedics and Trauma; Deutsche Gesellschaft für Orthopädie und Unfallchirurgie (DGOU)
2. German Association for Orthopedics and Orthopedic Surgery; Deutsche Gesellschaft für Orthopädie und Orthopädische Chirurgie (DGOOC)
3. German Society for Arthroplasty; AE Deutsche Gesellschaft für Endoprothetik (AE)
4. European Society for Sports Traumatology, Knee Surgery and Arthroscopy. ESSKA
5. Member of the European Knee Society (EKS)
6. ComGen of the German Society for Arthroplasty (AE)
7. AG "Evidenced Based Medicine" of DGOU

e. HONORS AND AWARDS

- 2023 Stipendium "Quality and Safety in Arthroplasty" DGOU, Germany
- 2021 John Insall Travelling Fellow, American Knee Society
- 2017 Residency: Best paper at *EKS Arthroplasty Conference – Best Current Practice in Europe*, London, 2017
- 2015 Travelling Fellowship, German Research Foundation
- 2010 Medical University of Vienna: graduate with distinction
- 2000 College: examinations with distinction (Polgargymnasium, Wien 22)

f. EXTRAMURAL PROFESSIONAL ACTIVITIES

Reviewer:

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| 2014 – until now | International Orthopedics |
| 2019 – until now | The Knee |
| 2018 – until now | AOTS |
| 2022 – until now | ESSKA |

g. LIST OF SCIENTIFIC PRESENTATIONS

1. **Faschingbauer M**, Sgroi M, Juchems M, Reichel H, Kappe T. Can the tibial slope be measured on lateral knee radiographs? *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2012*
2. Sgroi M, **Faschingbauer M**, Reichel H, Kappe T. Can the frontal tibiofemoral alignment be assessed on anteroposterior knee radiographs? *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2012*
3. **Faschingbauer M**, Bieger R, Kappe T, Reichel H. Acetabular Osteolysis in Total Hip Replacement – When to Retain the Cup? *AE-Dreiländerkurs, Vienna, Austria, 2013*
4. **Faschingbauer M**, Reichel H, Bieger R, Kappe T. Mechanical complications with antibiotic-laden cement spacers in the treatment of periprosthetic hip infection in a two-stage procedure. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2013*
5. Nelitz M, Reichel H, Kappe T, Dornacher D, **Faschingbauer M**. Outcome after High Tibial Osteotomy and Return to Work. *South-German Congress of Orthopedists and Trauma Surgeons, Baden-Baden, Germany, 2014*
6. **Faschingbauer M**, Nelitz M, Urlaub S, Reichel H, Dornacher D. Return to Sports after High Tibial Osteotomy. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2013*
7. Sgroi M, Kappe T, Reichel H, **Faschingbauer M**. Can Rotational Alignment of Total Knee Arthroplasty be measured on MRI? *South-German Congress of Orthopedists and Trauma Surgeons, Baden-Baden, Germany, 2014*
8. **Faschingbauer M**, Renner L, Waldstein W, Reichel H, Boettner F. The lateral Compartment in Varus Osteoarthritic Knees. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2016*
9. **Faschingbauer M**, Boettner F, Bieger R, Weiner C, Reichel H, Kappe T. Irrigation and Debridement as a treatment option in early periprosthetic infection after failed two-stage procedure. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2016*
10. **Faschingbauer M**, Renner L, Arana Narbarte D, Egidy C, Boettner F. Knee arthroplasty in valgus alignment. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2016*
11. **Faschingbauer M**, Boettner F, Bieger R, Weiner C, Reichel H, Kappe T. Outcome Of Irrigation And Debridement After Failed Two-Stage Reimplantation For Periprosthetic Joint Infection. *37th SICOT Orthopaedic World Congress, Rome, Italy, 2016*
12. **Faschingbauer M**, Renner L, Waldstein W, Reichel H, Boettner F. Are Lateral Compartment Osteophytes A Predictor For Lateral Cartilage Damage In Varus Osteoarthritic Knees. *37th SICOT Orthopaedic World Congress, Rome, Italy, 2016*

13. Zarandona XF, Schmidt-Braekling T, Narbarte D, **Faschingbauer M**, Kasperek M, Boettner F. Does the Tibia Component Design Affect the Need for Offset Stems in Revision Total Knee Arthroplasty? *26th Annual Meeting AAHKS, Dallas, USA, 2016*
14. Boettner F, Zingg M, Akmemar A, Waldstein W, **Faschingbauer M**, Kasperek M. The Accuracy of Acetabular Component Position Using a Novel Method to Determine Anteversion. *26th Annual Meeting AAHKS, Dallas, USA, 2016*
15. Boettner F, Kasperek MF, **Faschingbauer M**, Windhager R, Waldstein W. Lateral-compartment osteophytes are not associated with lateral-compartment cartilage degeneration in arthritic varus knees. *EKS Arthroplasty Conference – Best Current Practice in Europe, London, UK, 2017*
16. Rueckl K, Kasperek MF, **Faschingbauer M**, Waldstein W, Boettner CS, Boettner F. Topical Tranexamic Acid in Total Hip Arthroplasty. *38th SICOT Orthopaedic World Congress, Cape Town, South Africa, 2017*
17. Kasperek MF, Renner L, **Faschingbauer M**, Waldstein W, Weber M, Boettner F. Predictive Factors on Metal-Ion Levels in Metal-on-Metal Total Hip Arthroplasty. *38th SICOT Orthopaedic World Congress, Cape Town, South Africa, 2017*
18. Kasperek MF, Renner L, **Faschingbauer M**, Waldstein W, Rueckl K, Boettner F. Salvage of a Monoblock Metal-on-Metal Cup Using a Dual Mobility Liner: a 2-Year MRI Follow-Up Study. *38th SICOT Orthopaedic World Congress, Cape Town, South Africa, 2017*
19. **Faschingbauer M**, Sgroi M, Urlaub S, Kappe T, Reichel H, Dornacher D. Return to Work and Sporting Activities after High Tibial Osteotomy. *18th EFFORT Congress, Vienna, Austria, 2017*
20. **Faschingbauer M**, Kasperek M, Schadler P, Trubrich A, Urlaub S, Boettner F. Predictive Value of WOMAC-, KOOS-, and SF-12-Score for Knee Arthroplasty. *18th EFFORT Congress, Vienna, Austria, 2017*
21. Boettner F, Zingg M, Akmemar A, Waldstein W, **Faschingbauer M**, Kasperek MF. The Accuracy of Acetabular Component Position Using a Novel Method to Determine Anteversion. *18th EFFORT Congress, Vienna, Austria, 2017*
22. **Faschingbauer M**, Kasperek M, Boettner F, Sgroi M, Schadler P. Coronal tibiofemoral subluxation is not an independent risk factor for total knee arthroplasty. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2017*
23. **Faschingbauer M**, Kasperek M, Schadler P, Reichel H, Boettner F. Predictive Values of PROMs for Knee Arthroplasty. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2017*
24. **Faschingbauer M**, Kasperek M, Boettner F, Sgroi M, Schadler P. The Tibiofemoral Subluxation in Patients with Moderate to Severe Varus Osteoarthritis: Data from the "Osteoarthritis Initiative". *18th EFFORT Congress, Vienna, Austria, 2017*

25. **Faschingbauer M**, Kasperek M, Schadler P, Trubrich A, Urlaub S, Boettner F, Reichel H. Timeline of cartilage degeneration in knee osteoarthritis depends on limb alignment. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2017*
26. Kasperek M, Renner L, **Faschingbauer M**, Waldstein W, Rückl K, Boettner F. Revision of Birmingham Metal on Metal Hip Arthroplasty with a Dual Mobility Liner. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2017*
27. Dornacher D, Reichel H, Kappe T, **Faschingbauer M**. High Tibial Osteotomy: an Analysis of preoperative risk factors for delayed bone healing. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2017*
28. Kasperek MF, **Faschingbauer M**, Waldstein W, Boettner CS, Boettner F. Topical Tranexamic Acid is Equivalent to Targeted Preoperative Autologous Blood Donation in total Hip Arthroplasty. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2017*
29. Kasperek M, **Faschingbauer M**, Boettner F, Kasperek MF, Müller C. Pitfalls of Diagnosis of Periprosthetic Joint Infection. *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2018*
30. Lutz B, **Faschingbauer M**, Reichel H, Bieger R. Reliability of Epicondyle Ratio in CT and Conventional Radiographs in Patients with Total Knee Arthroplasty. *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2018*
31. Boettner F, Zingg M, Akmemar A, Waldstein W, **Faschingbauer M**, Kasperek MF. The Accuracy of Acetabular Component Position Using a Novel Method to Determine Anteversion. *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2018*
32. **Faschingbauer M**, Foruria X, Kasperek M, Reichel H, Boettner F. Does the design of the tibial component influence the frequency of the need for an "offset coupler" in revision TKA? *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2018*
33. **Faschingbauer M**. EBM Comment to "Functional outcome, satisfaction and revision rate 8 years after minimally invasive hip replacement implantation - a prospective randomized study". *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2018*
34. **Faschingbauer M**. Endoprosthetics once and today: TKA. *30th Orthopedics and Trauma Surgery Colloquium, University of Ulm, Germany*
35. **Faschingbauer M**, Foruria X, Kasperek M, Reichel H, Boettner F. Tibia stems and offset-couplers in revision TKAs. *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2019*
36. **Faschingbauer M**, Kasperek M, Boettner F, Sgroi M, Schadler P. Is the coronal tibiofemoral subluxation an independent risk factor for total knee arthroplasty? *South-German Congress of Orthopedists and Trauma Surgeons, Baden-Baden, Germany, 2019*

37. **Faschingbauer M**, Kasperek M, Schadler P, Trubrich A, Urlaub S, Boettner F. Predictive Value of WOMAC-, KOOS-, and SF-12-Score for Knee Arthroplasty. *South-German Congress of Orthopedists and Trauma Surgeons, Baden-Baden, Germany, 2019*
38. **Faschingbauer M**, Kasperek M, Schadler P, Trubrich A, Urlaub S, Boettner F, Reichel H. The timeline of cartilage degeneration in the knee joint depending on different alignment types. *South-German Congress of Orthopedists and Trauma Surgeons, Baden-Baden, Germany, 2019*
39. **Faschingbauer M**. EBM Comment to "The value of an intraoperative fresh frozen section in the diagnostics of periprosthetic joint infection". *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2019*
40. **Faschingbauer M**, Dürselen L, Seitz A, Hacker S, Reichel H. Does the tibial cut influence the patellofemoral knee kinematics and pressure distribution in total knee endoprostheses with constitutional varusalignment? *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2019*
41. **Faschingbauer M**. Management of the Lateral Structures in TKAs with Valgus Alignment. *Orthopedic and Trauma Surgery Curriculum, Ulm, Germany, 2016*
42. **Faschingbauer M**. Allergy in Total Knee Arthroplasty. Does It Exist? A Review. *Orthopedic and Trauma Surgery Curriculum, Ulm, Germany, 2017*
43. **Faschingbauer M**. Positioning of the Cup in THA. "Safe Zones" and Consideration of the Sagittal Alignment of the (Lower) Spine. *Orthopedic and Trauma Surgery Curriculum, Ulm, Germany, 2017*
44. **Faschingbauer M**. Alignment Option in Modern TKA. Mechanical, Anatomical, Constitutional and Kinematic Alignment. Advantages and Disadvantages. *Orthopedic and Trauma Surgery Curriculum, Ulm, Germany, 2018*
45. **Faschingbauer M**. TKA Outcome and Survival after UKA and HTO. *Orthopedic and Trauma Surgery Curriculum, Ulm, Germany, 2018*
46. **Faschingbauer M**, Dürselen L, Seitz A, Hacker S, Reichel H. Does the tibial cut influence the patellofemoral knee kinematics and pressure distribution in total knee endoprostheses with constitutional varusalignment? *ESSKA Speciality Days 2019, Madrid, Spain, 2019*
47. **Faschingbauer M**, Dürselen L, Seitz A, Hacker S, Reichel H. Does the tibial cut affect patellofemoral knee kinematics and pressure distribution in total knee arthroplasty with constitutional varus-alignment? *ESSKA Speciality Days 2019, Madrid, Spain, 2019*
48. Fuchs M, **Faschingbauer M**, Reichel H, Kirchhoff F, Perka C, Gwinner C. Die individuelle Varianz von Zellzahl und Anteil der Granulozyten. *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2022*
49. Seitz, Warnecke, Sgroi, Kappe, **Faschingbauer**, Ignatius, Dürselen. Degeneration Affects Local Meniscus Extrusion And Related Biomechanical Properties In OA Patients; *ISAKOS 2021*

50. Fuchs, **Faschingbauer**, Kirchhoff, Reichel, Perka, Gwinner. Die Varianz synovialer Biomarker zur periprothetischen Infektionsdiagnostik bei Patienten mit aseptischer Knie-TEP Revision. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2021*
51. Seitz, Dittberner, Stumpf, Sgroi, **Faschingbauer**, Reichel, Ignatius, Dürselen. Degeneration affects local meniscus extrusion. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2021*
52. **Faschingbauer M.** Smart Devices in der prä- und postoperativen Versorgung? 18. AE-ComGen-Symposium/AE-Masterkurs, 06/2022 Frankfurt, Germany
53. **Faschingbauer M.** Intraoperatives Management: LIA, TXA, Blutsperrung? AE-Online-Masterkurs; 06/2022
54. **Faschingbauer M.** Wann ist eine K-TEP instabil? AE-Online-Masterkurs; 06/2022
55. **Faschingbauer M**, Freisem K, Fuchs M, Martin R, Bieger R, Reichel H. Beeinflusst die Blutsperrung die intraoperative Kinematik bei der Knieprothesenimplantation? Ergebnisse einer prospektiven Studie unter Verwendung eines robotischen Assistenzsystems. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2022*
56. Khury F, Oltmanns M, Unseld T, Fuchs M, Reichel H, **Faschingbauer M.** Wear patterns of different alignment phenotypes of the knee: In search of the toxic variants. *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2022*
57. Schwer, Galbusera, Sgroi, **Faschingbauer**, Ignatius, Dürselen, Seitz In-vivo Bestimmung lokaler Materialparameter des lateralen Meniskus.; *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2022*
58. Freitag, Oltmanns, Fuchs, **Faschingbauer**, Bieger, Reichel; Klinische und radiologische Ergebnisse des Fitmore-Schaftes mit einem Minimum-Follow-up von 10 Jahren; *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2022*
59. **Faschingbauer M.** EBM-Kommentar zu „Early Post-Operative Outcomes Following Robotic vs. Manual Total Knee Arthroplasty in Low- vs. High-Volume Surgeons“ von Hoeffel et al.; *German Congress of Orthopaedics and Traumatology, Berlin, Germany, 2022*
60. **Faschingbauer M.** Hüftendoprothetik bei Patienten mit Parkinson oder multipler Sklerose: Strategien zur Minimierung von Komplikationen. AE-Kongress 2022, Frankfurt
61. **Faschingbauer M.** Tibial Insert Design Significantly Alters Knee Kinematics using a Single Cruciate Retaining Total Knee Implant. *EKS closed meeting, Kitzbühel 01/2023*
62. **Faschingbauer M.** Wie entwickelt sich das präoperative Alignment bei der Gonarthrose und welches Alignment soll beim Kniegelenkersatz angestrebt werden? *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2023*

63. **Faschingbauer M.** Das C-reaktive Protein und die Leukozytenzahl in der Beurteilung der Eradikation einer periprothetischen Infektion. *Arthroplasty Congress (Endoprothetikkongress Berlin), Berlin, Germany, 2023*
64. **Faschingbauer M.** Alignmentoptionen in der modernen Knieendoprothetik. 1. Trauma-Ortho-Kongress, Bad Hofgastein, 2023
65. Die Korrelation des Posterioren Tibial Slope mit den anatomischen Spinopelvinen Parametern: Eine retrospektive Querschnittstudie; Caffard, Awan-Malik, Lutz, Dobrindt, Dornacher, **Faschingbauer**, Strube, Reichel, Fuchs, Zippelius, DKOU 2023
66. **Faschingbauer M.** EBM-Kommentar zu: „Führt eine digitale Unterstützung zu einer besseren Entscheidungsqualität zur Knieendoprothese - eine stepped-wedge Cluster-randomisierte Studie“, DKOU 2023
67. Karbysheva, **Faschingbauer**, Morovic, Reichel, Trampuz, Fuchs, D-Laktat: ein neuer Biomarker zur periprothetischen Infektionsdiagnostik, DKOU 2023
68. Oltmanns, Weis, Reichel, Schwer, Seitz, Freitag, **Faschingbauer**; Biomechanischer Vergleich der Krafteinleitung am proximalen Femur von drei proximal verankernden Schaftmodellen im Kadaverknochen; DKOU 2023
69. Böttner, **Faschingbauer**, Brenneis, Boettner, List, Kasperek, Streck; Does the individual phenotype impact the outcome following mechanical aligned total knee arthroplasty for valgus osteoarthritis? DKOU 2023
70. Fuchs, **Faschingbauer**, Sgroi, Perka, Reichel, Gwinner; Die individuelle Varianz von synovialer Leukozytenzahl und Granulozytenanteil bei der periprothetischen Infektionsdiagnostik des Kniegelenks; DKOU 2023
71. Oltmanns, Weis, Schwer, Seitz, Reichel, **Faschingbauer**; Digital Imaging Correlation als Alternative zu Dehnungsmessstreifen in der Biomechanik des proximalen Femurs; DKOU 2023

h. RESEARCH GRANTS

1. Research grant of Deutsche Forschungsgemeinschaft, Deutsche Forschungs-gemeinschaft (German Research Foundation), FA 1271/1-1, www.dfg.de, principle investigator, €78,000.- (2015)
2. Research grant of Deutsche Arthrose Hilfe e.V., Deutsche Arthrose Hilfe e.V., principle investigator, €13,500.- (2016)
3. Research grant of Stiftung Endoprothetik, principle investigator, €69.000.- (2020)

i. BIBLIOGRAPHY

1. **Faschingbauer M**, Hambrecht J, Schwer J, Martin JR, Reichel H, Seitz A. Tibial insert design alters knee kinematics using a single cruciate-retaining total knee implant. **Bone Jt Open**. 2024 Jul 18;5(7):592-600. doi: 10.1302/2633-1462.57.BJO-2024-0033. R1.PMID: 39019478.
2. Sterneder CM, **Faschingbauer M**, Haralambiev L, Kasperek MF, Boettner F. Why Kinematic Alignment Makes Little Sense in Valgus Osteoarthritis of the Knee: A Narrative Review. **J Clin Med**. 2024 Feb 25;13(5):1302. doi: 10.3390/jcm13051302. PMID: 38592153; PMCID: PMC10932440.
3. **Faschingbauer M**, Freisem K, Khury F, Martin RJ, Bieger R, Reichel H. Tourniquet does not affect intraoperative kinematics during total knee arthroplasty: Results of a prospective study using a robotic assistance system. **Knee Surg Sports Traumatol Arthrosc**. 2024 Mar;32(3):678-684. doi: 10.1002/ksa.12086. Epub 2024 Feb 27. PMID: 38410061.
4. de Roy L, Schlickerieder K, Ruger M, **Faschingbauer M**, Ignatius A, Seitz AM. Impact of degeneration and material pairings on cartilage friction: Cartilage versus glass. **J Orthop Res**. 2024 Apr;42(4):745-752. doi: 10.1002/jor.25738. Epub 2023 Nov 28. PMID: 37975270.
5. Streck LE, **Faschingbauer M**, Brenneis M, Boettner CS, List K, Kasperek MF, Boettner F. Individual Phenotype Does Not Impact the Outcome of Mechanical Aligned Total Knee Arthroplasties for Valgus Osteoarthritis. **Medicina (Kaunas)**. 2023 Oct 18;59(10):1852. doi: 10.3390/medicina59101852. PMID: 37893570; PMCID: PMC10608527.
6. de Roy L, Eichhorn K, **Faschingbauer M**, Schlickerieder K, Ignatius A, Seitz AM. Impact of hyaluronic acid injection on the knee joint friction. **Knee Surg Sports Traumatol Arthrosc**. 2023 Dec;31(12):5554-5564. doi: 10.1007/s00167-023-07602-w. Epub 2023 Oct 16. PMID: 37843587; PMCID: PMC10719131.
7. Khury F, Oltmanns M, Unseld T, Fuchs M, Reichel H, **Faschingbauer M**. Which Knee Phenotypes Exhibit the Strongest Correlation With Cartilage Degeneration? **Clin Orthop Relat Res**. 2023 Sep 13. doi: 10.1097/CORR.0000000000002831. Epub ahead of print. PMID: 37703204.
8. Caffard T, Awan Malik H, Lutz B, Dobrindt O, Dornacher D, **Faschingbauer M**, Strube P, Reichel H, Fuchs M, Zippelius T. Association between posterior tibial slope and anatomic spinopelvic parameters: a retrospective cross-sectional study. **Eur Spine J**. 2023 Jun 27. doi: 10.1007/s00586-023-07830-1. Epub ahead of print. PMID: 37368018.
9. Fuchs M, **Faschingbauer M**, Riklin-Dold M, Morovic P, Reichel H, Trampuz A, Karbysheva S. D-lactate is a promising biomarker for the diagnosis of periprosthetic joint infection. **Front Surg**. 2022 Dec 8;9:1082591. doi:10.3389/fsurg.2022.1082591. Erratum in: **Front Surg**. 2023 Jan 12;9:1122963. PMID:36570804; PMCID: PMC9772613.
10. Schadler P, Lohberger B, Thauerer B, **Faschingbauer M**, Kullich W, Stradner MH, Leithner A, Ritschl V, Omara M, Steinecker-Frohnwieser B. The Association of Blood

- Biomarkers and Body Mass Index in Knee Osteoarthritis: A Cross-Sectional Study. **Cartilage**. 2022 Jan-Mar;13(1):19476035211069251. doi: 10.1177/19476035211069251. PMID: 35094602; PMCID: PMC9137302.
11. Sgroi M, Kranz M, Seitz AM, Ludwig M, **Faschingbauer M**, Zippelius T, Reichel H, Kappe T. Comparison of Knotless and Knotted Single-Anchor Repair for Ruptures of the Upper Subscapularis Tendon: Outcomes at 2-Year Follow-up. **Orthop J Sports Med**. 2022 Mar 15;10(3):23259671221083591. doi: 10.1177/23259671221083591. PMID: 35309232; PMCID: PMC8928393.
 12. Khury F, Oltmanns M, Fuchs M, Leiprecht J, Reichel H, **Faschingbauer M**. Against the Norm: Do Not Rely on Serum C-Reactive Protein and White Blood Cell Count Only When Assessing Eradication of Periprosthetic Joint Infection. **Antibiotics (Basel)**. 2022 Aug 31;11(9):1174. doi: 10.3390/antibiotics11091174. PMID: 36139954; PMCID: PMC9495056.
 13. Fuchs M, **Faschingbauer M**, Riklin-Dold M, Morovic P, Reichel H, Trampuz A, Karbysheva S. D-lactate is a promising biomarker for the diagnosis of periprosthetic joint infection. **Front Surg**. 2022 Dec 8;9:1082591. doi: 10.3389/fsurg.2022.1082591. PMID: 36570804; PMCID: PMC9772613.
 14. **Faschingbauer M**, Reichel H. K-TEP-Wechsel bei Instabilität: Diagnostik, Therapie und Ergebnisse [Revision TKA due to instability: diagnostics, treatment options and outcomes]. **Orthopade**. 2021 Dec;50(12):979-986. German. doi: 10.1007/s00132-021-04179-5. Epub 2021 Oct 27. PMID: 34705092.
 15. Fuchs M, Kirchhoff F, Reichel H, Perka C, **Faschingbauer M**, Gwinner C. Variation of synovial fluid leucocyte cell count and polymorphonuclear percentage in patients with aseptic revision total knee arthroplasty. **Bone Jt Open**. 2021 Aug;2(8):566-572. doi: 10.1302/2633-1462.28.BJO-2021-0109. PMID: 34337971; PMCID: PMC8384436.
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