

Publikationen: Priv.-Doz. Dr. med. Daniel Günther

2019:

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Volz M, Zinser W, **Guenther D** (2018) Matrix-augmented bone marrow stimulation. Cracking the problems of arthroscopic microfracturing? OUP 2018; 7: 588–596 DOI 10.3238/oup.2018.0588–0596

Zaffagnini S, Signorelli C, Grassi A, Hoshino Y, Kuroda R, de Sa D, **Guenther D**, et al. (2018) Anatomic Anterior Cruciate Ligament Reconstruction Using Hamstring Tendons Restores Quantitative Pivot Shift. Orthop J Sports Med 6:2325967118812364

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Guenther D, Irarrazaval S, Bell KM, Rahnemai-Azar AA, Fu FH, Debski RE, Musahl V (2017) The Role of Extra-Articular Tenodesis in Combined ACL and Anterolateral Capsular Injury. *The Journal of bone and joint surgery American volume* (99) (19):1654-1660. doi:10.2106/JBJS.16.01462

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Buchkapitel:

Indication for hospitalization and clinical care. Naendrup JH, Pfeiffer T, Guenther D (in print) Injury and health risk management in sports - A handbook for decision-making

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Most common scores for patients' evaluation. Guenther D (in print) Basic knee arthroplasty

Registries – How important are they? Guenther D (in print) Basic knee arthroplasty

Anatomy and Function of the anterolateral capsule structures. **Guenther D**, Irarrazaval S, Griffith C, Musahl V, Debski RE (2017) Rotatory Knee Instability pp.15-25, doi:10.1007/978-3-319-32070-0_2

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Clinical Management of Ligament Injuries of the Knee and Postoperative Rehabilitation. Irarrazaval S, Yaseen Z, **Guenther D**, Fu FH (2017) Studies in Regenerative Strategies for the Treatment of Knee Joint Disabilities pp.323-348, doi:10.1007/978-3-319-44785-8_16

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In Search of Nature: The anatomy of the ACL. Albers M, Irarrazaval S, **Guenther D**, Fu FH. VuMedi (2015).

Quantitative Pivot Shift Test. Rahnenmai-azar AA, Griffith C, **Guenther D**, Musahl V, Irrgang J. Pivot Study Group. VuMedi (2015).

Präsentationen:

2020

Remnant preserving is crucial to improving patient outcomes after ACL reconstruction. **Guenther D**, Pfeiffer TR, Vernacchia C, Wafaisade A, Bouillon B; ACL Study Group 2020; 2020 Jan 26-30; Kitzbuehel, Austria.

2019:

EKA Free Papers, EKA - Current Concepts for the Degenerative Knee - Alignement. **Guenther D**. (Chair); ESSKA-Speciality Days 2019; 2019 Nov 8-9; Madrid, Spain.

Short Leg Films. Imaging modalities and analysis techniques for the measurement of lower limb alignment. **Guenther D**. ESSKA-Speciality Days 2019; 2019 Nov 8-9; Madrid, Spain.

Translational Medicine - von Grundlagen zur Klinik. **Guenther D**. 36th Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2019 Sep 12-14; Mannheim, Germany.

Publikationen: Priv.-Doz. Dr. med. Daniel Günther

Vorderes Kreuzband. Operative Möglichkeiten. **Guenther D.** 10. Merheimer Symposium für BG-Sachbearbeiter und Rehamanager; 2019 Sep 10; Cologne; Germany

Minimalinvasive Knorpeltherapie am Kniegelenk. **Guenther D.** 198. Tagung der Kölner Chirurgenvereinigung; 2019 Jun 05; Cologne; Germany.

Patellofemorale Instabilitäten - Vom vorderen Kniestich bis zur komplexen Deformität. **Guenther D.** Merheimer Symposium Sporttraumatologie 2019; 2019 Apr 10; Cologne; Germany.

Metal allergy - does exist or does not? **Guenther D.** ESSKA-EKA Closed Meeting; 2019 Mar 22-23; Lyon; France.

The multifactorial genesis of rotatory knee laxity. Lian J, Pfeiffer T, Novaretti JV, Smith CN, Popchak A, Patel NK, Herbst E, **Guenther D** et al. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting 2019; 2019 Mar 12-16; Las Vegas, USA

Die Kniestreckung - Versorgungskonzepte und offene Fragen. **Guenther D.** 26. Kölner Unfallsymposium; 2019 Feb 15-16; Cologne; Germany.

2018: CR vs PS design, there is a knee design role? **Guenther D.** ESSKA-EKA Closed Meeting; 2018 Oct 19-20; Naples; Italy.

The kinematic alignment: pro and cons, is it right for everyone? Ettinger M, **Guenther D.** ESSKA-EKA Closed Meeting; 2018 Oct 19-20; Naples; Italy.

Wie kann Grundlagenforschung für Osteoarrose in den klinischen Alltag integriert werden? **Guenther D.** AGA Forschungssymposium: Biologische Therapien bei der frühen (posttraumatischen) Osteoarrose. 35th Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2018 Sep 13-15; Linz, Austria.

Can we diagnose a partial tear of the anterior cruciate ligament using commonly applied knee function tests? **Guenther D**, Zhang C, Ferlin F, Irrgang JJ, Musahl V, Fu FH. 18th ESSKA Congress; 2018 May 09-12; Glasgow; Scotland.

2017: Partialrupturen des vorderen Kreuzbands: Können wir sie klinisch diagnostizieren? **Guenther D**, Zhang C, Ferlin F, Irrgang JJ, Musahl V, Fu FH. Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU) 2017 Oct 24-27; Berlin; Germany.

Kann die Partialruptur des vorderen Kreuzbands klinisch diagnostiziert werden? **Guenther D**, Zhang C, Ferlin F, Irrgang JJ, Musahl V, Fu FH. 34th Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2017 Sep 7-9; Munich, Germany.

Lateral extra-articular tenodesis is not indicated for knees with isolated ACL injury. Herbst E, Arilla F, **Guenther D**, Yacuzzi C, Rahnemai-Azar AA, Fu FH, Debski RE, Musahl V. AGA-Research Day. 34th Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2017 Sep 7-9; Munich, Germany.

Biomechanical Function of the Anterolateral Capsule of the Knee. **Guenther D**, Irarrazaval S, Sexton SL, Bell KM, Fu FH, Debski RE, Musahl V. 11th Biennial ISAKOS Congress; 2017 Jun 4-8; Shanghai, China.

Die periprosthetische Fraktur - brauchen wir dazu Transplantate? **Guenther D**. 12. Update Knochenbank; 2017 May 19-20; Kassel, Germany.

Anterolateral capsule of the knee functions as a sheet of tissue based on tissue strain. **Guenther D**, Sexton SL, Bell KM, Irarrazaval S, Rahnemai-Azar AA, Fu FH, Musahl V, Debski RE. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting 2017; 2017 Mar 14-18; San Diego, USA

An evolving concept: Individualized, anatomic ACL reconstruction in 2017. Shaikh HS, Albers MBV, Herbst E, **Guenther D**, Irarrazaval S, Burnham JM, Fu FH. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting 2017; 2017 Mar 14-18; San Diego, USA

2016:

Die Fläche der tibialen Insertion des vorderen Kreuzbands als Prädiktor für die Größe des Transplantats (Area of the tibial insertion site as a predictor for graft size in ACL reconstruction). **Guenther D**, Irarrazaval S, Albers M, Irrgang J, Musahl V, Fu F. 33rd Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2016 Sep 15-17; Basel, Switzerland.

ALL, periphere Stabilisierung bei VKB-Ruptur (ALL, peripheral stabilization in ACL-rupture). **Guenther D**. 33rd Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2016 Sep 15-17; Basel, Switzerland.

Biomechanical testing of an extra-articular tenodesis with a combined ACL and capsular injury. **Guenther D**, Irarrazaval S, Bell K, Rahnemai-Azar A, Fu F, Musahl V, Debski R. AGA-Research Day. 33rd Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2016 Sep 15-17; Basel, Switzerland.

Robotic analysis of the anterolateral capsule of the knee. **Guenther D**, Rahnemai-Azar A, Bell K, Irarrazaval S, Fu F, Musahl V, Debski R. AGA-Research Day. 33rd Annual Congress of the Society for Arthroscopy and Joint Surgery (AGA); 2016 Sep 15-17; Basel, Switzerland.

The anterolateral capsule of the knee behaves like a sheet of fibrous tissue. **Guenther D**, Bell KM, Fu FH, Musahl V, Debski RE. 5th Annual Congress of the German Knee Society (DKG); 2016 Nov 18-19; Hamburg; Germany.

Biomechanical role of the anterolateral capsule of the knee based on surface strain. **Guenther D**, Bell KM, Fu FH, Musahl V, Debski RE. 5th Annual Congress of the German Knee Society (DKG); 2016 Nov 18-19; Hamburg; Germany.

The role of extra-articular tenodesis in combined ACL and anterolateral capsular injury. **Guenther D**, Bell KM, Fu FH, Debski RE, Musahl V. 5th Annual Congress of the German Knee Society (DKG); 2016 Nov 18-19; Hamburg; Germany.

Anterolateral capsule of the knee does not function like a traditional ligament based on tissue strain. **Guenther D**, Bell KM, Fu FH, Musahl V, Debski RE. 5th Annual Congress of the German Knee Society (DKG); 2016 Nov 18-19; Hamburg; Germany.

Area of the tibial insertion site as a predictor for graft size in ACL reconstruction. **Guenther D**, Albers M, Irrgang JJ, Musahl V, Fu FH. 5th Annual Congress of the German Knee Society (DKG); 2016 Nov 18-19; Hamburg; Germany.

Die anterolaterale Kapsel des Kniegelenks verhält sich biomechanisch wie ein Bindegewebsverbund (The anterolateral capsule of the knee behaves like a sheet of fibrous tissue). **Guenther D**, Rahnemai-Azar AA, Bell KM, Irarrazaval S, Fu FH, Musahl V, Debski RE. 31st Annual Congress of the German-Austrian-Swiss Society for Orthopaedic Traumatologic Sports Medicine (GOTS); 2016 Jun 17-18; Munich; Germany.

Anterolateral Capsule of the Knee Functions as a Sheet of Tissue based on Tissue Strain. Sexton SL, **Guenther D**, Bell KM, Irarrazaval S, Rahnemai-Azar AA, Fu FH, Musahl V, Debski RE. SB³C2016 Summer Biomechanics, Bioengineering and Biotransport Conference; 2016 Jun 29-Jul 02; National Harbor; Maryland, USA

The role of an extra-articular tenodesis in combined ACL and capsular injury. **Guenther D**, Irarrazaval S, Bell KM, Rahnemai-Azar AA, Fu FH, Musahl V, Debski RE. 17th ESSKA Congress; 2016 May 04-07; Barcelona; Spain.

Resident battle: ALL reconstruction in ACL repair; NO! Soni A, **Guenther D**. 17th ESSKA Congress; 2016 May 04-07; Barcelona; Spain.

The anterolateral capsule of the knee behaves like a sheet of fibrous tissue. **Guenther D**, Rahnemai-Azar AA, Bell KM, Irarrazaval S, Fu FH, Musahl V, Debski RE. ORS 2016 Annual Meeting; 2016 Mar 05-08; Orlando; Florida, USA.

Extra-articular tenodesis contributes to knee stability with a combined ACL and capsular injury. **Guenther D**, Irarrazaval S, Bell KM, Rahnemai-Azar AA, Fu FH, Musahl V, Debski RE. ORS 2016 Annual Meeting; 2016 Mar 05-08; Orlando; Florida, USA.

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