



## Publikationen von Prof. Dr. Carlos J. Marques in peer reviewed Journals (Stand August 2024)

- 2024 Albers, N.; Huebner, M.; Giagio, S.; Turolla, A.; Pillastrini, P.; Stein-Brueggemann, D.; Rudolph, F.; Juhasz-Boess, I.; Hollander, K.; **Marques, C.J.** (2024) Cross-cultural adaptation of the Pelvic Floor Dysfunction SENTINEL screening tool for German-speaking female athletes, 08 March 2024, **PREPRINT** (Version 1) available at Research Square [<https://doi.org/10.21203/rs.3.rs-3982539/v1>]
- 2023 Bischof, A. Y., Steinbeck, V., Kuklinski, D., **Marques, C. J.**, Bohlen, K., Westphal, K. C., Lampe, F., & Geissler, A. (2023). What is the association between gender and self-perceived health status when controlling for disease-specific conditions? A retrospective data analysis of pre- and post-operative EQ-5D-5L differences in total hip and knee arthroplasty. *BMC musculoskeletal disorders*, 24(1), 914. <https://doi.org/10.1186/s12891-023-07026-0>
- David Kuklinski, **Carlos J. Marques**, Karina Bohlen et al. Patient-specific meaningful improvement thresholds for EQ-5D index scores after total hip or knee replacement: a retrospective observational cohort study, 01 August 2023, **PREPRINT** (Version 1) available at Research Square [<https://doi.org/10.21203/rs.3.rs-3199593/v1>]
- 2022 Kuklinski, D., **Marques, C. J.**, Bohlen, K., Westphal, K. C., Lampe, F., & Geissler, A. (2022). Thresholds for meaningful improvement in WOMAC scores need to be adjusted to patient characteristics after hip and knee replacement. *J Orthop*, 29, 50-59.
- 2021 Papavero, L., Pietrek, M., **Marques, C. J.**, & Schmeiser, G. (2021). Erratum to: Cervical Single-Level Pincer Stenosis Causing Myelopathy: A Technical Note and Medium-term Results of a One-Session Microsurgical 360-Degree Treatment. *J Neurol Surg A Cent Eur Neurosurg*.
- Marques, C. J.**, Bohlen, K., & Lampe, F. (2021). Participation in a Preoperative Patient Education Session Is a Significant Predictor of Better WOMAC Total Index Score and Higher EQ-5D-5L Health Status Index 1 Year After Total Knee and Hip Arthroplasties: A Retrospective Observational Study. *Am J Phys Med Rehabil*, 100(10), 972-977.
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- 2020 **Marques CJ**, Pinnschmidt HO, Bohlen K, Lorenz J, Lampe F: TKA patients experience less improvement than THA patients at 3 and 12 months after surgery. A retrospective observational cohort study. *Journal of Orthopaedics* 21 (2020) 517–522.
- Marques CJ**, Bauer C, Grimaldo D, Tabeling S, Weber T, Ehlert A, Mendes AH, Lorenz J, Lampe F: Sensor Positioning Influences the Accuracy of Knee Rom Data of an E-Rehabilitation System: A Preliminary Study with Healthy Subjects. *Sensors (Basel)* 2020, 20(8).

- 2020 Papavero L, Ebert S, **Marques CJ**: The prevalence of redundant nerve roots in patients with lumbar spinal stenosis is body position dependent: a retrospective observational study with repeated measures design in an upright MRI scanner. *Neuroradiology* 2020.
- 2019 Papavero L, **Marques CJ**, Lohmann J, Fitting T, Schawjinski K, Ali N, Hillebrand H, Maas R: Redundant nerve roots in lumbar spinal stenosis: inter- and intra-rater reliability of an MRI-based classification. *Neuroradiology* 2019.
- 2018 Papavero L, **Marques CJ**, Lohmann J, Fitting T (2018) Patient demographics and MRI-based measurements predict redundant nerve roots in lumbar spinal stenosis: a retrospective database cohort comparison. *BMC Musculoskeletal Disorders*. Dec 22 2018; 19(1):452.
- Marques CJ**, Hillebrand H, Papavero L (2018) The clinical significance of redundant nerve roots of the cauda equina in lumbar spinal stenosis patients: a systematic literature review and meta-analysis. *Clinical Neurology and Neurosurgery* 174: 40-47.
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- 2015 **Marques, C.J.**, Daniel, S., Sufi-Siavach, A., Lampe, F. (2014) No differences in clinical outcomes between fixed- and mobile-bearing computer-assisted total knee arthroplasties and no correlations between navigation data and clinical scores. *Knee Surg Sports Traumatol Arthrosc.* 23(6): 1660-8.
- 2008 **Marques, C. J.**, Cabri, J., Barreiros, J., Carita, A. I., Friesecke, C., & Loehr, J. F. (2008). Primer Sağ Total Diz Artroplastisi Öncesi ve Sonrasında Görev Karmaşıklığının Fren Tepki Zamanına Etkisi. *Arch Phys Med Rehabil*, Turkish Edition, 3(3), 191-196.
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- Marques CJ**, Pinnschmidt HO, Bohlen K, Lorenz J, Lampe F: TKA patients experience less improvement than THA patients at 3 and 12 months after surgery. A retrospective database cohort study. Endoprothetikongress Berlin 2021. E-Poster
- 2020 Papavero L, **Marques CJ**, Lohmann J, Fitting T, Schawjinski K, Ali N, Maas R: Redundant nerve roots in lumbar spinal stenosis: Inter- and intra-rater reliability of an MRI-based classification. EUROSPINE Meeting 2020: Abstracts Virtual Annual Meeting, October 6–9. *Eur Spine J* 30, 373–378 (2021). <https://doi.org/10.1007/s00586-020-06686-z>
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- Lampe F, **Marques CJ**, Fiedler F, Martin T, Kochman A, Goral A, Kozak J (2019) Welche Sicherheitszone? Pelvic-tilt basierendes Pfannenalignement in der Hüftendoprothetik. 67. Jahrestagung der Vereinigung Süddeutscher Orthopäden und Unfallchirurgen e.V. 2-4 Mai, Baden-Baden (Vortrag)
- Marques CJ**, Lohmann J, Fitting T, Papavero L (2019) If function determines shape, why do redundant nerve roots of the cauda equina in lumbar spinal stenosis patients develop? 11. Kongress der Deutschen Gessellschaft für Biomechanik (DGfB), 3-5 April, Berlin (Poster Präsentation)
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## Monographien

- 2019 Marques, C. J., & Papavero, L. (2019). *Redundant nerve roots in lumbar spinal canal stenosis: Clinical significance, predictors and classification*. Staats- und Universitätsbibliothek Hamburg. Doctoral Dissertation (English); URL: <https://ediss.sub.uni-hamburg.de/handle/ediss/6118>
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