

# **Publikationsverzeichnis Dr. Semih Özdemir**

Oezdemir S, Komp M, Hahn P, Ruetten S. Decompression for cervical disc herniation using the full-endoscopic anterior technique. Oper Orthop Traumatol 2018 Jan 9. doi: 10.1007/s00064-017-0528-2

Ruetten S, Hahn P, Oezdemir S, Baraliakos X, Merk H, Godolias G, Komp M. Full-endoscopic uniportal decompression in disc herniations and stenosis of the thoracic spine using the interlaminar, extraforaminal, and transthoracic retropleural approach. J Neurosurg Spine 2018; doi: 10.3171/2017.12.SPINE171096

Ruetten S, Hahn P, Oezdemir S, Baraliakos X, Godolias G, Komp M. Surgical treatment of cervical subaxial intraspinal extradural cysts using a full-endoscopic uniportal posterior approach. J Orthop Surg 2018; doi 10.1177/2309499018777665

Ruetten S, Hahn P, Oezdemir S, Baraliakos X, Godolias G, Komp M. Decompression of the anterior thoracic spinal canal using a novel full-endoscopic uniportal transthoracic retropleural technique – an anatomical feasibility study in human cadavers. Clin Anat 2018; doi: 10.1002/ca.23075

Ruetten S, Hahn P, Oezdemir S, Baraliakos X, Merk H, Godolias G, Komp M. Full-endoscopic uniportal odontoidectomy and decompression of the anterior cervicomedullary junction using the retropharyngeal approach. Spine 2018; doi: 10.1097/BRS.0000000000002561

Komp M, Oezdemir S, Hahn P, Ruetten S. Full-endoscopic posterior foraminotomy surgery for cervical disc herniations. Oper Orthop Traumatol 2018 Jan 9. doi:10.1007/s00064-017-0529-1

Markovic M, Zivkovic N, Ruetten S, Oezdemir S, Goethel D. Full-endoscopic interlaminar versus microsurgical operations in lumbar compressive lesions surgery: prospective randomized trial of overall 570 patients. J Pain Relief 2017;6: DOI:10.4172/2167-0846.1000304

Hahn P, Oezdemir S, Komp M, Giannakopoulos A, Kasch R, Merk H, Godolias G, Ruetten S. A new electromagnetic navigation system for pedicle screws placement: a human cadaver study at the lumbar spine. PLoS One. 2015 Jul 29;10(7):e0133708. doi: 10.1371/journal.pone.0133708. eCollection 2015

Hahn P, Oezdemir S, Komp M, Giannakopoulos A, Kasch R, Merk H, Godolias G, Ruetten S. Navigation of pedicle screws in the thoracic spine with a new electromagnetic navigation system. A human cadaver study. Biomed Res Int 2015; 183586. doi: 10.1155/2015/183586. Epub 2015 Feb 11

Komp M, Hahn P, Oezdemir S, Giannakopoulos A, Heikenfeld R, Kasch R, Merk H, Godolias G, Puchstein C, Ruetten S. Bilateral decompression of lumbar central stenosis using the full-endoscopic interlaminar technique compared with

microsurgical technique: A prospective, randomized, controlled study. Pain Physician 2015;18:61-70

Ruetten S, Komp M, **Oezdemir S**. Current status of full-endoscopic techniques in the surgical treatment of disk herniations and spinal canal stenosis. Chinese Journal of Bone and Joint 2014;3:571-584

Komp M, Hahn P., **Oezdemir S**, Merk H, Kasch R, Godolias G, Ruetten S. Operation of lumbar zygoapophyseal joint cysts using a full-endoscopic interlaminar and transforaminal approach: prospective 2-year results of 74 patients. Surg Innov 2014;21:605-14

Ruetten S, Komp M, Hahn P, **Oezdemir S**. Decompression of lumbar lateral spinal stenosis: full-endoscopic, interlaminar technique. Oper Orthop Traumatol 2013:DOI 10.1007/s00064-012-0195-2