

Publikationen

Prof. Dr. E. Archavlis in Peer Review Journals

- Endoscopic-assisted paramedian supracerebellar infratentorial approach to the posterior portion of the third ventricle. Anatomical study and surgical cases. Serrano Sponton L, Alhoobi M, Archavlis E, Shaaban AT, Dumour E, Nimer A, Conrad J, Kantelhardt SR, Ayyad A. *J Neurosurg Sci.* 2022 Apr 13.
- Two-stage endoscopic assisted approach for large pineal region and falcottorial meningioma: first stage paramedian supracerebellar infratentorial approach, second stage interhemispheric occipital transtentorial approach: surgical cases and anatomical study. Sponton LS, Shaaban AT, Archavlis E et al. *Neurosurg Rev.* 2022 Jan 4. doi: 10.1007/s10143-021-01709-9. Online ahead of print.
- Tentorial Incision vs. Retraction of the Tentorial Edge during the Subtemporal Approach: Anatomical Comparison in Cadaveric Dissections and Retrospective Clinical Case Series. Archavlis E et al. *J Neurol Surg B Skull Base.* 2019 Oct;80(5):441-448.
- Interstitial high-dose-rate brachytherapy in the primary treatment of inoperable glioblastoma multiforme. Chatzikonstantinou G, Ulrich P, Archavlis E, Zamboglou N, Strouthos I, Zoga E, Baltas D, Tselis N. *J Contemp Brachytherapy.* 2019 Jun;11(3):215-220.
- The approach angle to the interoptic triangle limits surgical workspace when targeting the contralateral internal carotid artery. Serrano LE, Archavlis E, Ayyad A, Nimer A, Schwandt E, Ringel F, Kantelhardt SR. *Acta Neurochir (Wien).* 2019 May 18.
- Comprehensive Anatomic Assessment of Ipsilateral Pterional Versus Contralateral Subfrontal Approaches to the Internal Carotid Ophthalmic Segment: A Cadaveric Study and Three-Dimensional Simulation. Serrano LE, Archavlis E, Ayyad A, Schwandt E, Nimer A, Ringel F, Kantelhardt SR. *World Neurosurg.* 2019 Apr 23.
- Maintenance of Integrity of Upper Facet Joints during Simulated Percutaneous Pedicle Screw Insertion Using 2D versus 3D Planning. Archavlis E, Ringel F, Kantelhardt S. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Jul;80(4):269-276.
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- Navigation and Image Injection for Control of Bone Removal and Osteotomy Planes in Spine Surgery. Kosterhon M, Gutenberg A, Kantelhardt SR, Archavlis E, Giese A. *Oper Neurosurg (Hagerstown).* 2017 Apr 1;13(2):297-304.
- Rates of Upper Facet Joint Violation in Minimally Invasive Percutaneous and Open Instrumentation: A Comparative Cohort Study of Different Insertion Techniques. Archavlis E, Amr N, Kantelhardt SR, Giese A. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jan;79(1):1-8.
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- Combined Salvage Therapies for Recurrent Glioblastoma Multiforme: Treatment Options in Multifocal and Multicentric Patterns of Recurrence. Archavlis E (2017) *J Cancer Prev Curr Res* 7(1): 00222. DOI:

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- Combined suture and clipping for the reconstruction of a ruptured blister-like aneurysm. Kantelhardt SR, Archavlis E, Giese A. *Acta Neurochir (Wien)*. 2016 Oct;158(10):1907-11.
- Minimally Invasive Corpectomy in Metastatic Thoracolumbar Spine Disease: The Posterolateral Transpedicular Approach. Archavlis E, Papadopoulos N, Ulrich P. *J Minim Invas Orthop*, 2016, 3(4): e16. doi:10.15383/jmio.16.
- Rare case of brain metastasis of Ewing sarcoma mimicking cavernous angioma: new implications concerning management and therapy. Serrano L, Archavlis E, Januschek E, Timofeev P, Jager E, Ulrich P. *J Neurosurg Sci*. 2016 Sep;60(3):414-5.
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- A modified microsurgical endoscopic assisted transpedicular corpectomy of the thoracic spine based on virtual 3D planning, technical note. Archavlis E, Schwandt E, Kosterhon M, Gutenberg A, Ulrich P, Nimer A, Giese A, Kantelhardt SR. *World Neurosurg*. 2016 Apr 20. pii: S1878-8750(16)30170-X. doi:10.1016/j.wneu.2016.04.043. [Epub ahead of print].
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- Combined salvage therapies for recurrent glioblastoma multiforme: evaluation of an interdisciplinary treatment algorithm. Archavlis E, Tselis N, Birn G, Ulrich P, Zamboglou N. *J Neurooncol*. 2014 Jun 20.
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- The impact of timing of cranioplasty inpatients with large cranial defects after decompressive hemicraniectomy. Archavlis E, Carvi Y Nievas M. Acta Neurochir (Wien). 2012 Jun;154(6):1055-62.
- Cranioplasty after supratentorial decompressive craniectomy: When is the optimal timing. Archavlis E, Nievas MC. Nervenarzt. 2012 Jan 5. [Epub ahead of print] German. PubMed PMID: 22215218
- Delayed outcome from surgically treated patients with benign nerve associated tumors of the extremities larger than 5 cm. Carvi y Nievas MN, Archavlis E, Unkel B. Neurol Res. 2010 Jul;32(6):563-71. Epub 2010 Mar 26
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A handwritten signature in blue ink, appearing to read "Archavlis", is placed over a dotted line.