

## Publikationsliste Priv.-Doz. Dr. med. Christian Ewelt

(Stand: September 2022)

1. Stereotactic Radiosurgery for Benign Cavernous Sinus Meningiomas: A Multicentre Study and Review of the Literature.  
Santacroce A, Tuleasca C, Liščák R, Motti E, Lindquist C, Radatz M, Gatterbauer B, Lippitz BE, Martínez Álvarez R, Martínez Moreno N, Kamp MA, Sandvei Skeie B, Schipmann S, Longhi M, Unger F, Sabin I, Mindermann T, Bundschuh O, Horstmann GA, van Eck ATCJ, Walier M, Berres M, Nakamura M, Steiger HJ, Hänggi D, Fortmann T, Zawy Alsofy S, Régis J, **Ewelt C**.  
Cancers (Basel). 2022 Aug 22;14(16):4047. doi: 10.3390/cancers14164047.
2. Risk factors associated with vasospasm after non-traumatic subarachnoid hemorrhage: a retrospective analysis of 456 patients.  
Joos GS, Gottschalk A, **Ewelt C**, Holling M, Stummer W, Englbrecht JS.  
J Neurosurg Sci. 2022 Apr 13. doi: 10.23736/S0390-5616.22.05497-2. Online ahead of print.PMID: 35416450
3. Multiprofessional Management of Giant Cell Tumors in the Cervical Spine: A Systematic Review.  
Müther M, Schwake M, Suero Molina E, Schroeteler J, Stummer W, Klingenhöfer M, **Ewelt C**.  
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4. Load-Bearing Capacity and Design Advantages of a Custom-Made, Thin Pure-Titanium Cranioplasty (CranioTop).  
Lewitz M, Salma A, Welzel Saravia H, Sakellaropoulou I, Sarkis HM, **Ewelt C**, Fortmann T, Wilbers E, Schipmann S, Suero Molina E, Santacroce A, Zawy Alsofy S.  
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5. Virtual reality-based evaluation of neurovascular conflict for the surgical planning of microvascular decompression in trigeminal neuralgia patients.  
Zawy Alsofy S, Welzel Saravia H, Nakamura M, **Ewelt C**, Lewitz M, Sakellaropoulou I, Sarkis HM, Fortmann T, Schipmann S, Suero Molina E, Santacroce A, Salma A, Stroop R.  
Neurosurg Rev. 2021 Dec;44(6):3309-3321. doi: 10.1007/s10143-021-01500-w. Epub 2021 Feb 13.PMID: 33586035
6. Retrospective Comparison of Minimally Invasive and Open Monosegmental Lumbar Fusion, and Impact of Virtual Reality on Surgical Planning and Strategy.  
Zawy Alsofy S, Nakamura M, **Ewelt C**, Kafchitsas K, Lewitz M, Schipmann S, Suero Molina E, Santacroce A, Stroop R.

- J Neurol Surg A Cent Eur Neurosurg. 2021 Sep;82(5):399-409. doi: 10.1055/s-0040-1719099. Epub 2021 Feb 4. PMID: 33540454
7. Impact of Virtual Reality in Arterial Anatomy Detection and Surgical Planning in Patients with Unruptured Anterior Communicating Artery Aneurysms.  
Zawy Alsofy S, Sakellaropoulou I, Nakamura M, **Ewelt C**, Salma A, Lewitz M, Welzel Saravia H, Sarkis HM, Fortmann T, Stroop R.  
Brain Sci. 2020 Dec 10;10(12):963. doi: 10.3390/brainsci10120963. PMID: 33321880
  8. Access to Meckel's cave for biopsies of indeterminate lesions: a systematic review.  
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  9. Comparison of stand-alone cage and cage-with-plate for monosegmental cervical fusion and impact of virtual reality in evaluating surgical results.  
Zawy Alsofy S, Nakamura M, **Ewelt C**, Kafchitsas K, Fortmann T, Schipmann S, Suero Molina E, Welzel Saravia H, Stroop R.  
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  10. Early autologous cranioplasty: complications and identification of risk factors using virtual reality visualisation technique.  
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Br J Neurosurg. 2019 Dec;33(6):664-670. doi: 10.1080/02688697.2019.1661962. Epub 2019 Sep 13. PMID: 31514550
  11. Virtual Reality-Based Evaluation of Surgical Planning and Outcome of Monosegmental, Unilateral Cervical Foraminal Stenosis.  
Zawy Alsofy S, Stroop R, Fusek I, Welzel Saravia H, Sakellaropoulou I, Yavuz M, **Ewelt C**, Nakamura M, Fortmann T.  
World Neurosurg. 2019 Sep;129:e857-e865. doi: 10.1016/j.wneu.2019.06.057. Epub 2019 Jun 15
  12. Brain invasion in meningiomas: does surgical sampling impact specimen characteristics and histology?  
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14. Fluorescence-Based Measurement of Real-Time Kinetics of Protoporphyrin IX After 5-Aminolevulinic Acid Administration in Human In Situ Malignant Gliomas.  
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15. Dual labeling with 5-aminolevulinic acid and fluorescein in high-grade glioma surgery with a prototype filter system built into a neurosurgical microscope: technical note.  
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16. Adverse events in brain tumor surgery: incidence, type, and impact on current quality metrics.  
Schipmann S, Brix T, Varghese J, Warneke N, Schwake M, Brokinkel B, **Ewelt C**, Dugas M, Stummer W.  
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17. Second-look strokectomy of cerebral infarction areas in patients with severe herniation.  
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21. The difficulty of predicting clinical outcome after intended submaximal resection of large vestibular Schwannomas.  
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28. When the Infection Hits the Wound: Matched Case-Control Study in a Neurosurgical Patient Collective Including Systematic Literature Review and Risk Factors Analysis.  
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