

Curriculum Vitae: Prof. Dr. med. Dorothee Mielke, MBA

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University Hospital Augsburg
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Primary and Secondary Education

1984-1990	Schweizerhof Elementary School, Berlin
1991-1997	Schadow High School, Berlin
1995	High-School Year with Diploma in the US
1997	Secondary school examination

University Education

1997-1998	Practical training in Argentina, Buenos Aires
1998-2003	University Studies at the Charité, Berlin
1998-2004	Practical training East London, South Africa; Denver, USA; Münsingen, Switzerland
2003-2004	University Studies at Ruprecht-Karls-University, Heidelberg
1998-2004	Final degree in human medicine (graduation 05/2004, Grade: 1.4)

Clinical Career

2004-2005	Resident at the Department of Traumatology and Reconstructive Surgery, University Clinic of Leipzig, Head: Prof. Dr. med. Ch. Josten
2005-2008	Resident at the Department of Neurosurgery, University Clinic of Giessen and Marburg GmbH, Campus Giessen, Head: Prof. Dr. med. D.-K. Böker
2008-2011	Resident at the Department of Neurosurgery, Georg-August-University Göttingen, Head: Prof. Dr. med. Veit Rohde
since 2010	Specialist in Neurosurgery
since 2012	Senior Physician at the Department of Neurosurgery, Göttingen
2012	Fellowship Prof. M. Lawton UCSF, San Francisco and John Zhang Laboratory, Loma Linda University, California
2018-23	Vice Chair, Department of Neurosurgery, Georg-August-University Goettingen
since 01/24.	Director Department of Neurosurgery, University Hospital Augsburg

Scientific Career

- 2006 Dissertation at the Department of Neurosurgery, Charité; Campus UKBF, Head: Prof. Dr. med. M. Brock. Topic: „Functional Neuronavigation“ – Correlation of preoperative fMRT- data with navigated intraoperative neuromonitoring (Degree: “magna cum laude”)
- 2011 Venia legendi (private lecturer; associate professor); Topic: New aspects in the diagnostic and treatment of subarachnoid hemorrhage
- 2016 Nomination as a professor (apl)

Additional qualifications

- 2015-2016 Certificate MHM (Medical Hospital Management, Hannover; 2 semester)
- 2017 Certificate MHM Plus (1 semester, University of Applied Science Osnabrück)
- 2015-2019 MBA Health Management (University of Applied Science Osnabrück)
Graduation with distinction (Final Grade: 1.2)
- 2023 Additional designation: Neurosurgical intensive care

Awards / Scholarships

- 2006 Travel Award: Joint-Meeting of the German and Brazilian Society of Neurosurgery in Florianopolis, Brasilien
- 2010 Wilhelm-Tönnis-Scholarship 2010 of the German Society of Neurosurgery (UCSF and Loma Linda University, USA 2011)
- 2013 Karl-Storz-Endoscopy-Scholarship

Board Memberships / Committee Activities

- 2012-2020 Member of the Habilitation Committee University Hospital Goettingen
- 2020-2023 Member of the Research Committee University Hospital Goettingen
- since 2024 Member of the Faculty Council University Hospital Augsburg
- since 2022 Shared Head of the Vascular Section of the German Association of Neurosurgery (DGNC)
- since 2023 Board member of the Vascular Section of the European Association of Neurosurgical Societies (EANS)
- since 2024 Member of the Directory of the Bavarian Cancer Research Center (BZKF)

Publications - Web of Science ResearcherIDAAU-6776-2021

- 167: Keric N, Krenzlin H, Lange F, Dauth A, Freyschlag CF, Schnell O, Misch M, von der Brelie C, Gempt J, Krigers A, Wagner A, **Mielke D**, Sommer C, Brockmann MA, Meyer B, Rohde V, Vajkoczy P, Beck J, Thomé C, Ringel F. Treatment differences in IDH-wildtype glioma - the impact of surgery and adjuvant therapy. *J Neurooncol*. 2025 Dec 29;176(2):145. doi: 10.1007/s11060-025-05368-4. PMID: 41466163; PMCID: PMC12748085.
- 166: Younes B, **Mielke D**, Rohde V, Abboud T. Retroperitoneal and pelvic schwannoma/neurofibroma resection: surgical strategies and outcomes in a neurosurgical cohort. *Acta Neurochir (Wien)*. 2025 Dec 8;167(1):317. doi: 10.1007/s00701-025-06745-8. PMID: 41359213; PMCID: PMC12689776.
- 165: Staartjes VE, Adamides AA, Anania P, Baskaya MK, Beneš V, Dehdashti AR, Di Ieva A, Ferroli P, Jakola AS, Lanzino G, Lawton MT, Petr O, Petutschnigg T, Pinna G, Podlessek D, Radovanovic I, Rohde V, Stroh-Holly N, Sturiale CL, Wang AC, Regli L, Esposito G; PRAEMIUM Investigators. Risk Models for Adverse Events in Microsurgery for Intracranial Unruptured Aneurysms. *Neurosurgery*. 2025 Dec 5. doi: 10.1227/neu.0000000000003867. Epub ahead of print. PMID: 41358665.
- 164: Staartjes VE, Adamides AA, Anania P, Baskaya MK, Beneš V, Dehdashti AR, Di Ieva A, Ferroli P, Jakola AS, Lanzino G, Lawton MT, Petr O, Petutschnigg T, Pinna G, Podlessek D, Radovanovic I, Rohde V, Stroh-Holly N, Sturiale CL, Wang AC, Regli L, Esposito G; PRAEMIUM investigators. Contemporary adverse event profile of microsurgery for intracranial unruptured aneurysms in high-volume microsurgical centers: the international PRAEMIUM study. *Neurosurg Focus*. 2025 Dec 1;59(6):E18. doi: 10.3171/2025.9.FOCUS25723. PMID: 41343785.
- 163: Shiban E, Krauss P, Schaller T, Konietzko I, Mögele T, Jungbäck N, **Mielke D**, Märkl B, Kahl KH, Mielewczyk Z, Liesche-Starnecker F. A prospective observational study of inflammatory mediators in cerebrospinal fluid after intraoperative radiotherapy of brain tumors. *Ther Adv Med Oncol*. 2025 Nov 17;17:17588359251389740. doi: 10.1177/17588359251389740. PMID: 41262211; PMCID: PMC12623645.
- 162: Kranawetter B, Abboud T, Komboz F, Höllig A, Clusmann H, **Mielke D**, Rohde V. Microsurgical management of cranial dural arteriovenous fistulas: Treating the "Sheep in Wolf's clothing"? - Three decades of experience and lessons learned. *Brain Spine*. 2025 Oct 26;5:105860. doi: 10.1016/j.bas.2025.105860. PMID: 41216223; PMCID: PMC12597301.
- 161: Polymeris AA, Lang MF, Hakim A, Bütikofer L, Fung C, Beyeler S, Z'Graggen W, Strbian D, Vajkoczy P, Schubert GA, Gruber A, **Mielke D**, Roelz R, Siepen B, Seiffge DJ, Selim MH, Raabe A, Beck J, Fischer U; SWITCH Study Investigators. Effect of Decompressive Craniectomy According to Location of Deep Intracerebral Hemorrhage: A SWITCH Trial Analysis. *Stroke*. 2026 Jan;57(1):12-19. doi:

10.1161/STROKEAHA.125.052460. Epub 2025 Oct 17. PMID: 41104458.

160: Ziebart A, Onken J, Nadji-Ohl M, Jungk C, Rückriegel S, **Mielke D**, Gerlach R, Forster MT, Roder C, Kniese K, Neidert N, Fabbrocini L, Kalasauskas D, Aziz G, Riehl S, Sannwald L, Mayer B, Wirtz CR, Sachs D, Ille S, Löhr M, Ritz R, Ringel F, Ebner F, Roelz R, Beck J, Nabavi A, Tatagiba M, Czabanka M, Rohde V, Ernestus RI, Krieg S, Ganslandt O, Vajkoczy P, Coburger J. Low tumour burden is associated with observation after surgery in patients with grade 2 astrocytoma and oligodendroglioma: results from the prospective multicentre LoG-Glio registry. *J Neurooncol*. 2025 Oct 15;176(1):14. doi: 10.1007/s11060-025-05279-4. PMID: 41091225; PMCID: PMC12528241.

159: Wagner-Altendorf TA, Sieb K, Berlis A, Dörfler A, Mielke D, Groden C, Güresir E, Hamann GF, Jansen O, Meixensberger J, Müller O, Nabavi DG, Neumann-Haefelin T, Ossenbrink M, Regelsberger J, Royl G, Vatter H, Weber W, Werring N, Minnerup J, Röther J. Interdisciplinary neurovascular networks in Germany: update 2025. *Neurol Res Pract*. 2025 Aug 22;7(1):59. doi: 10.1186/s42466-025-00418-8. PMID: 40847367; PMCID: PMC12374462.

158: Hazaymeh M, Malinova V, Stork L, Metz I, Stadelmann C, Huckhagel T, Hendrik Dröge L, El Shafie R, **Mielke D**, Rohde V, Abboud T. Histopathologically confirmed radiation necrosis: Risk factors and clinical outcomes in patients with primary brain tumors. *Neurooncol Pract*. 2025 Feb 15;12(4):670-677. doi: 10.1093/nop/npaf021. PMID: 40814422; PMCID: PMC12349754.

157: Dubinski D, Won SY, Rafaelian A, Sure U, Dammann P, Rauschenbach L, Senft C, Dinc N, Aboud N, Ringel F, Ottenhausen M, Scurtu D, Deinsberger W, Kästner S, Chen JJQ, Rohde V, Knerlich-Lukoschus F, Bock H, Hernandez S, **Mielke D**, Baumgarten P, Guenzerodt P, Vatter H, Sarikaya-Seiwert S, Schneider M, Beez T, Mijderwijk HJ, Altamirano LW, Mlynski R, Herrmann E, Freiman T, Gessler F. Pediatric Intracranial Infections Requiring Neurosurgery: A German Multicenter Analysis of 10-Year Trends Pre-COVID-19 and Post-COVID-19. *Neurosurgery*. 2025 Jul 18. doi: 10.1227/neu.0000000000003640. Epub ahead of print. PMID: 40693723.

156: Bschorer M, Giese H, Höhne J, Schebesch KM, Henker C, Strauss A, Wolfert C, Gaber K, Krigers A, Petr O, Butenschoen VM, Krieg SM, Mende KC, Lindner D, Regelsberger J, **Mielke D**, Sauvigny T. German cranial reconstruction registry - a prospective multicenter cohort study: 883-day follow-up on the outcome and complications. *Brain Spine*. 2025 Jul 2;5:104308. doi: 10.1016/j.bas.2025.104308. PMID: 40689133; PMCID: PMC12272473.

155: Wolfert C, Sommer B, Krauss P, **Mielke D**, Maurer CJ, Berlis A, Raabe A, Shibani E. Results of an European survey on the management of perimesencephalic nonaneurysmal subarachnoid hemorrhage. *Sci Rep*. 2025 Jul 8;15(1):24401. doi: 10.1038/s41598-025-06443-6. PMID: 40628816; PMCID: PMC12238544.

154: Hernández-Durán S, Hautmann X, Werner ML, Rohde V, **Mielke D**. Microsurgical pineal cyst fenestration: A safe and effective treatment strategy in patients with symptomatic pineal cyst syndrome. *Acta Neurochir (Wien)*. 2025 Jun

30;167(1):179. doi: 10.1007/s00701-025-06569-6. PMID: 40586930; PMCID: PMC12208953.

153: Malinova V, Schwiddessen R, von der Brelie C, **Mielke D**, Rohde V. Rapidity of hematoma resolution after fibrinolytic therapy for intracerebral hemorrhage has a favorable effect on functional outcome. *Sci Rep*. 2025 May 1;15(1):15291. doi: 10.1038/s41598-025-00469-6. PMID: 40312454; PMCID: PMC12045944.

152: Krauss P, Colosimo M, Wolfert C, Stemmer B, Sommer B, **Mielke D**, Stueben G, Kahl KH, Shiban E. Resection with intraoperative radiotherapy vs. adjuvant radiotherapy in the treatment of eloquent brain metastases: an analysis of feasibility and safety. *Neurosurg Rev*. 2025 Apr 24;48(1):385. doi: 10.1007/s10143-025-03523-z. PMID: 40272585; PMCID: PMC12021715.

151: Gühlich M, Maag TE, Schirmer MA, Chacón Quesada TA, **Mielke D**, Rieken S, Leu M, Dröge LH. Primary and postoperative radiotherapy in acute neurological symptoms due to malignant spinal compression: retrospective analysis from a German university hospital. *BMC Cancer*. 2025 Apr 23;25(1):759. doi: 10.1186/s12885-025-14106-y. PMID: 40269784; PMCID: PMC12016431.

150: Malinova V, **Mielke D**, Rohde V, Vajkoczy P, Wolf S; EARLYDRAIN Study Group. Effect of shunt-dependency on long-term outcome after aneurysmal subarachnoid hemorrhage: a post-hoc analysis of the EARLYDRAIN prospective patient cohort. *Neurosurg Rev*. 2025 Apr 15;48(1):365. doi: 10.1007/s10143-025-03510-4. PMID: 40232533; PMCID: PMC12000199.

149: Hautmann X, Jamous A, Maier I, Bettag C, Duran SH, Muradzade R, **Mielke D**, Rohde V, Malinova V. The malignant stroke indicator is an early indicator of malignant ischemic stroke requiring decompressive hemicraniectomy. *Sci Rep*. 2025 Mar 4;15(1):7600. doi: 10.1038/s41598-025-92284-2. PMID: 40038517; PMCID: PMC11880335.

148: Abboud T, Asendorf T, Evangelou P, Younes B, **Mielke D**, Rohde V. Results of a German national survey to assess early mobilization versus bed rest in the postoperative management of incidental durotomy during lumbar surgery and the need for a randomized clinical trial. *Neurosurg Focus*. 2025 Feb 1;58(2):E14. doi: 10.3171/2024.11.FOCUS24586. PMID: 39891938.

147: Kranawetter B, Tuzi S, Moerer O, **Mielke D**, Rohde V, Malinova V. Optimal cerebral perfusion pressure during induced hypertension and its impact on delayed cerebral infarction and functional outcome after subarachnoid hemorrhage. *Sci Rep*. 2024 Dec 16;14(1):30509. doi: 10.1038/s41598-024-82507-3. PMID: 39681631; PMCID: PMC11649810.

146: Jarski P, Gasimov T, Dragaescu C, Sixel-Döring F, von Eckardstein K, Mollenhauer B, Trenkwalder C, **Mielke D**, Rohde V, Malinova V. Leucoencephalopathy in Patients with Parkinson's Disease and Deep Brain Stimulation. *Mov Disord Clin Pract*. 2024 Dec 4. doi: 10.1002/mdc3.14294. Epub ahead of print. PMID: 39629747.

- 145: Kranawetter B, Brockmöller J, Sindern J, Hapke A, Bruns E, Harnisch LO, Moerer O, Stenzig J, **Mielke D**, Rohde V, Abboud T. Intestinal Drug Absorption After Subarachnoid Hemorrhage and Elective Neurosurgery: Insights From Esomeprazole Pharmacokinetics. *Crit Care Med*. 2024 Nov 21. doi: 10.1097/CCM.00000000000006512. Epub ahead of print. PMID: 39570079.
- 144: Tuzi S, Kranawetter B, **Mielke D**, Rohde V, Malinova V. Systematic assessment of early brain injury severity at admission with aneurysmal subarachnoid hemorrhage. *Neurosurg Rev*. 2024 Nov 8;47(1):838. doi: 10.1007/s10143-024-03081-w. PMID: 39514015.
- 143: Tuzi S, Kranawetter B, Moerer O, Rohde V, **Mielke D**, Malinova V. Logistic organ dysfunction system as an early risk stratification tool after aneurysmal subarachnoid hemorrhage. *Sci Rep*. 2024 Nov 12;14(1):27639. doi: 10.1038/s41598-024-78937-8. PMID: 39533005.
- 142: Komboz F, Kück F, Hernández-Durán S, Fiss I, Hautmann X, **Mielke D**, Rohde V, Abboud T. Transcranial MEPs predict clinical outcome during minimally invasive dorsal decompression for cervical spondylotic myelopathy. *Neurophysiol Clin*. 2024 Nov 5;54(6):103022. doi: 10.1016/j.neucli.2024.103022. Epub ahead of print. PMID: 39504718.
- 141: Wessels L, Wolf S, Adage T, Breitenbach J, Thomé C, Kerschbaumer J, Bendszus M, Gmeiner M, Gruber A, **Mielke D**, Rohde V, Wostrack M, Meyer B, Gempt J, Bavinzski G, Hirschmann D, Vajkoczy P, Hecht N. Localized Nicardipine Release Implants for Prevention of Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Randomized Clinical Trial. *JAMA Neurol*. 2024 Oct 1;81(10):1060-1065. doi: 10.1001/jamaneurol.2024.2564. PMID: 39158893; PMCID: PMC11334004.
- 140: Komboz F, Chehade HD, Al Saffar B, **Mielke D**, Rohde V, Abboud T. Assessing outcomes in traumatic brain injury: Helsinki score versus Glasgow coma scale. *Eur J Trauma Emerg Surg*. 2024 Jul 25. doi: 10.1007/s00068-024-02604-w. Epub ahead of print. PMID: 39052052.
- 139: Hernandez-Duran S, Walter J, Behmanesh B, Bernstock JD, Czabanka M, Dinc N, Dubinski D, Freiman TM, Konczalla J, Melkonian R, **Mielke D**, Mueller S, Naser P, Rohde V, Senft C, Schaefer JH, Unterberg A, Won SY, Gessler F. Surgical infarct volume reduction and functional outcomes in patients with ischemic cerebellar stroke: results from a multicentric retrospective study. *J Neurosurg*. 2024 Jun 28;1-6. doi: 10.3171/2024.3.JNS232883. Epub ahead of print. PMID: 38941630.
- 138: Schwiddessen R, Malinova V, von Steinbüchel N, **Mielke D**, Rohde V, von der Brelie C. Spontaneous intracerebral hemorrhage - patients retrospectively consent to fibrinolytic surgery despite poor neurological outcome and reduced health-related quality of life. *Neurosurg Rev*. 2024 Jun 12;47(1):268. doi: 10.1007/s10143-024-02479-w. PMID: 38862774; PMCID: PMC11166777.
137. Schwiddessen R, Brelie CV, **Mielke D**, Rohde V, Malinova V. Establishing reliable selection criteria for performing fibrinolytic therapy in patients with

intracerebral haemorrhage based on prognostic tools. *J Stroke Cerebrovasc Dis*. 2024 May 29;107804. doi: 10.1016/j.jstrokecerebrovasdis.2024.107804. Epub ahead of print. PMID: 38821191.

136. Tuzi S, Kranawetter B, Moerer O, Rohde V, **Mielke D**, Malinova V. Influence of cerebrospinal fluid drainage in the first days after aneurysm rupture on the severity of early brain injury following aneurysmal subarachnoid hemorrhage. *Acta Neurochir (Wien)*. 2024 May 28;166(1):234. doi: 10.1007/s00701-024-06131-w. PMID: 38805034; PMCID: PMC11133135.

135. Truckenmueller P, Wolf S, Wasilewski D, Vajkoczy P, Früh A; **Earlydrain Study Group**. Association of Fluid Balance and Hemoglobin Decline With Neurological Outcome After Aneurysmal Subarachnoid Hemorrhage. *Crit Care Med*. 2024 May 21. doi: 10.1097/CCM.0000000000006332. Epub ahead of print. PMID: 38775857.

134. Beck J, Fung C, Strbian D, Bütikofer L, Z'Graggen WJ, Lang MF, Beyeler S, Gralla J, Ringel F, Schaller K, Plesnila N, Arnold M, Hacke W, Jüni P, Mendelow AD, Stapf C, Al-Shahi Salman R, Bressan J, Lerch S, Hakim A, Martinez-Majander N, Piippo-Karjalainen A, Vajkoczy P, Wolf S, Schubert GA, Höllig A, Veldeman M, Roelz R, Gruber A, Rauch P, **Mielke D**, Rohde V, Kerz T, Uhl E, Thanasi E, Huttner HB, Kallmünzer B, Jaap Kappelle L, Deinsberger W, Roth C, Lemmens R, Leppert J, Sanmillan JL, Coutinho JM, Hackenberg KAM, Reimann G, Mazighi M, Bassetti CLA, Mattle HP, Raabe A, Fischer U; SWITCH study investigators. Decompressive craniectomy plus best medical treatment versus best medical treatment alone for spontaneous severe deep supratentorial intracerebral haemorrhage: a randomised controlled clinical trial. *Lancet*. 2024 May 14:S0140-6736(24)00702-5. doi: 10.1016/S0140-6736(24)00702-5. Epub ahead of print. PMID: 38761811.

133. Malinova V, Kranawetter B, Tuzi S, Rohde V, **Mielke D**. Early localization of tissue at risk for delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage: blood distribution on initial imaging vs early CT perfusion. *Neurosurg Rev*. 2024 May 17;47(1):223. doi: 10.1007/s10143-024-02457-2. PMID: 38758245; PMCID: PMC11101576.

132. Malinova V, Kranawetter B, Tuzi S, Moerer O, Rohde V, **Mielke D**. Optimal cerebral perfusion pressure in aneurysmal subarachnoid hemorrhage and its relation to perfusion deficits on CT-perfusion. *J Cereb Blood Flow Metab*. 2024 May 6:271678X241237879. doi: 10.1177/0271678X241237879. Epub ahead of print. PMID: 38708962.

131. Keul J, Sperling S, Rohde V, **Mielke D**, Ninkovic M. Riluzole Reverses a Number of Undesirable Effects of Dexamethasone in Glioblastoma Cells. *Anticancer Res*. 2024 May;44(5):1829-1835. doi: 10.21873/anticancer.16984. PMID: 38677733.

130. Iaccarino C, Chibbaro S, Sauvigny T, Timofeev I, Zaed I, Franchetti S, Mee H, Belli A, Buki A, De Bonis P, Demetriades AK, Depreitere B, Fountas K, Ganau M, Germanò A, Hutchinson P, Kolas A, Lindner D, Lippa L, Marklund N, McMahon C, **Mielke D**, Nasi D, Peul W, Poca MA, Pompucci A, Posti JP, Serban NL, Splavski B, Florian IS, Tasiou A, Zona G, Servadei F. Consensus-based recommendations for

diagnosis and surgical management of cranioplasty and post-traumatic hydrocephalus from a European panel. *Brain Spine*. 2024 Jan 26;4:102761. doi: 10.1016/j.bas.2024.102761. PMID: 38510640; PMCID: PMC10951750.

129. Janz C, Hadelsberg UP, Broekman M, Cavallo C, Engel D, Majernik GH, Hoellig A, Ilic T, Jeltama HR, **Mielke D**, Rodríguez-Hernández A, Ryang YM, Fozia S, Syrmos N, Vanchaze K, Vayssiere P, Hernandez-Duran S. Parenthood and neurosurgery in Europe, a white paper from the European association of neurosurgical societies' diversity in neurosurgery committee, part II - practice with children. *Brain Spine*. 2023 Dec 8;4:102717. doi: 10.1016/j.bas.2023.102717. PMID: 38510633; PMCID: PMC10951702.

128. Won SY, Hernández-Durán S, Behmanesh B, Bernstock JD, Czabanka M, Dinc N, Dubinski D, Freiman TM, Günther A, Hellmuth K, Herrmann E, Konczalla J, Maier I, Melkonian R, **Mielke D**, Naser P, Rohde V, Senft C, Storch A, Unterberg A, Walter J, Walter U, Wittstock M, Schaefer JH, Gessler F. Functional Outcomes in Conservatively vs Surgically Treated Cerebellar Infarcts. *JAMA Neurol*. 2024 Feb 26:e235773. doi: 10.1001/jamaneurol.2023.5773. Epub ahead of print. PMID: 38407889; PMCID: PMC10897822.

127. Keric N, Krenzlin H, Kalasauskas D, Freyschlag CF, Schnell O, Misch M, von der Brelie C, Gempt J, Krigers A, Wagner A, Lange F, **Mielke D**, Sommer C, Brockmann MA, Meyer B, Rohde V, Vajkoczy P, Beck J, Thomé C, Ringel F. Treatment outcome of IDH1/2 wildtype CNS WHO grade 4 glioma histologically diagnosed as WHO grade II or III astrocytomas. *J Neurooncol*. 2024 Feb 7. doi: 10.1007/s11060-024-04585-7. Epub ahead of print. PMID: 38326661.

126. Abboud T, Malinova V, Rohde V, **Mielke D**. Radiofrequency thermocoagulation under neuromonitoring guidance and general anesthesia for treatment of refractory trigeminal neuralgia. *Acta Neurochir (Wien)*. 2024 Feb 2;166(1):56. doi: 10.1007/s00701-024-05964-9. PMID: 38302773; PMCID: PMC10834569.

125. Vayssiere P, Broekman M, Cavallo C, Engel D, Hadelsberg UP, Majernik GH, Hoellig A, Ilic T, Janz C, Jeltama HR, **Mielke D**, Rodríguez-Hernández A, Ryang YM, Fozia S, Syrmos N, Vanchaze K, Hernandez-Duran S. Parenthood and neurosurgery in Europe a white paper from the European Association of Neurosurgical Societies' Diversity in Neurosurgery Committee Part I - Family Planning and Practice during Pregnancy. *Brain Spine*. 2023 Nov 2;3:102690. doi: 10.1016/j.bas.2023.102690. PMID: 38021011; PMCID: PMC10668082.

124. Harnisch LO, Brockmüller J, Hapke A, Sindern J, Bruns E, Evertz R, Toischer K, Danner BC, **Mielke D**, Rohde V, Abboud T. Oral Drug Absorption and Drug Disposition in Critically Ill Cardiac Patients. *Pharmaceutics*. 2023 Nov 7;15(11):2598. doi: 10.3390/pharmaceutics15112598. PMID: 38004576.

123. Bettag C, Schatlo B, Abboud T, Behme D, Bock C, von der Brelie C, Rohde V, **Mielke D**. Endoscope-enhanced fluorescence-guided microsurgery increases survival in patients with glioblastoma. *Acta Neurochir (Wien)*. 2023 Nov 11. doi: 10.1007/s00701-023-05862-6. E

122. Hernandez-Duran S, Walter J, Behmanesh B, Bernstock JD, Czabanka M, Dinc N, Dubinski D, Freiman TM, Günther A, Hellmuth K, Herrmann E, Konczalla J, Maier I, Melkonian R, **Mielke D**, Müller SJ, Naser P, Rohde V, Schaefer JH, Senft C, Storch A, Unterberg A, Walter U, Wittstock M, Gessler F, Won SY. Necrosectomy Versus Stand-Alone Suboccipital Decompressive Craniectomy for the Management of Space-Occupying Cerebellar Infarctions-A Retrospective Multicenter Study. *Neurosurgery*. 2023 Oct 6. doi: 10.1227/neu.0000000000002707.

121. Hernández-Durán S, Hautmann X, Rohde V, von der Brelie C, **Mielke D**. Surgical timing and indications for decompressive craniectomy in malignant stroke: results from a single-center retrospective analysis. *Acta Neurochir (Wien)*. 2023 Sep 26. doi: 10.1007/s00701-023-05817-x. Epub ahead of print. PMID: 37749288.

120. Malinova V, Kranawetter B, Tuzi S, Moerer O, Rohde V, **Mielke D**. Interaction of Optimal Cerebral Perfusion Pressure with Early Brain Injury and its Impact on Ischemic Complications and Outcome Following Aneurysmal Subarachnoid Hemorrhage. *Neurocrit Care*. 2023 Sep 19. doi: 10.1007/s12028-023-01822-1. Epub ahead of print. PMID: 37726549.

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