

Neurosurgical review

<http://link.springer.com/journal/10143>

Journal:: Neurosurgical Review **Publisher::** Springer **Scope::** Clinical and experimental neurosurgery **Audience::** Academic neurosurgeons, residents, clinical researchers **Indexing::** PubMed, Scopus, Web of Science **Impact Factor::** Mid-range, stable **Region::** European editorial tradition

Strengths

- Broad coverage: clinical studies, systematic reviews, case reports, and experimental research.
- Consistent publication with rigorous peer review.
- Accessible for international contributors and smaller institutions.
- Valuable resource for residents and junior researchers.

Limitations

- Conservative editorial direction — favors incremental over [disruptive research](#).
- High proportion of retrospective studies and case series.
- Limited translational science or high-impact trials.
- Modest influence on neurosurgical practice compared to top-tier journals.

Best Suited For

Author Type	Goal	Fit
Early-career neurosurgeons	CV building	☐
Academic departments	Institutional output	☐
Clinical innovators	Technique dissemination	⚠ Limited
Policy or consensus authors	Guidelines and frameworks	☐ Rarely appropriate

Conclusion

Neurosurgical Review offers a reliable and consistent platform for publishing well-structured clinical work. It is best used to **consolidate knowledge**, support **career progression**, and **publish observational research**. While it may not shape the future of neurosurgery, it plays a meaningful role in recording its present.

Summary: Not disruptive, but dependable. A journal of continuity more than controversy.

2020

Neurosurgical review 2020

2019

Trevisi G, Barbone P, Treglia G, Mattoli MV, Mangiola A. Reliability of intraoperative ultrasound in detecting tumor residual after brain diffuse glioma surgery: a systematic review and meta-analysis. *Neurosurg Rev.* 2019 Aug 14. doi: 10.1007/s10143-019-01160-x. [Epub ahead of print] Review. PubMed PMID: 31410683.

2: Balik V, Takizawa K. Safe and bloodless exposure of the third segment of the vertebral artery: a step-by-step overview based on over 50 personal cases. *Neurosurg Rev.* 2019 Aug 13. doi: 10.1007/s10143-019-01158-5. [Epub ahead of print] PubMed PMID: 31410682.

3: Jannelli G, Baticam NS, Tizi K, Truffert A, Lascano AM, Tessitore E. Symptomatic tandem spinal stenosis: a clinical, diagnostic, and surgical challenge. *Neurosurg Rev.* 2019 Aug 13. doi: 10.1007/s10143-019-01154-9. [Epub ahead of print] PubMed PMID: 31410681.

4: Kanazawa T, Minami Y, Takahashi H, Fujiwara H, Toda M, Jinzaki M, Yoshida K, Sasaki H. Magnetic resonance imaging texture analyses in lower-grade gliomas with a commercially available software: correlation of apparent diffusion coefficient and T2 skewness with 1p/19q codeletion. *Neurosurg Rev.* 2019 Aug 11. doi: 10.1007/s10143-019-01157-6. [Epub ahead of print] PubMed PMID: 31402410.

5: Wang Q, Wang Y, Wang J, Wang Y. Clinical classification of clival chordomas for transnasal approaches. *Neurosurg Rev.* 2019 Aug 8. doi: 10.1007/s10143-019-01153-w. [Epub ahead of print] PubMed PMID: 31396796.

6: Troude L, Boucekine M, Montava M, Balossier A, Lavieille JP, Régis J, Roche PH. Does NF2 status impact the results of combined surgery and adjunctive Gamma Knife surgery for large vestibular schwannomas? *Neurosurg Rev.* 2019 Aug 6. doi: 10.1007/s10143-019-01143-y. [Epub ahead of print] PubMed PMID: 31388842.

7: Xie S, Xiao XR, Li H, Meng GL, Zhang JT, Wu Z, Zhang LW. Surgical treatment of pontine cavernous malformations via subtemporal transtentorial and intradural anterior transpetrosal approaches. *Neurosurg Rev.* 2019 Aug 6. doi: 10.1007/s10143-019-01156-7. [Epub ahead of print] PubMed PMID: 31388841.

8: Jumah F, Narayan V, Samara A, Quinoa TR, Dossani RH, Gupta G, Nanda A. Efficacy and safety of gamma knife radiosurgery for posterior cranial fossa meningioma: a systematic review. *Neurosurg Rev.* 2019 Aug 5. doi: 10.1007/s10143-019-01144-x. [Epub ahead of print] Review. PubMed PMID: 31385110.

9: Dunn K, Rumbach A, Finch E. Dysphagia in non-traumatic subarachnoid haemorrhage: a scoping review. *Neurosurg Rev.* 2019 Aug 3. doi: 10.1007/s10143-019-01155-8. [Epub ahead of print] Review. PubMed PMID: 31377942.

10: Park HH, Sung KS, Moon JH, Kim EH, Kim SH, Lee KS, Hong CK, Chang JH. Lateral supraorbital versus pterional approach for parachiasmal meningiomas: surgical indications and esthetic benefits.

Neurosurg Rev. 2019 Aug 3. doi: 10.1007/s10143-019-01147-8. [Epub ahead of print] PubMed PMID: 31377941.

11: Zhou F, Yang S, Liu J, Lu J, Shang D, Chen C, Wang H, Ma J. Finite element analysis comparing short-segment instrumentation with conventional pedicle screws and the Schanz pedicle screw in lumbar 1 fractures. *Neurosurg Rev.* 2019 Aug 2. doi: 10.1007/s10143-019-01146-9. [Epub ahead of print] PubMed PMID: 31375952.

12: Di Rienzo A, Colasanti R, Gladi M, Pompucci A, Della Costanza M, Paracino R, Esposito D, Iacoangeli M. Sinking flap syndrome revisited: the who, when and why. *Neurosurg Rev.* 2019 Aug 1. doi: 10.1007/s10143-019-01148-7. [Epub ahead of print] PubMed PMID: 31372915.

13: Wang M, Qiu H, Cao Y, Wang S, Zhao J. One-staged in situ embolization combined with surgical resection for eloquence protection of AVM: technical note. *Neurosurg Rev.* 2019 Sep;42(3):783-790. doi: 10.1007/s10143-019-01137-w. Epub 2019 Jul 30. PubMed PMID: 31359304.

14: Hendrix P, Foreman PM, Senger S, Burkhardt BW, Harrigan MR, Fisher WS 3rd, Vyas NA, Lipsky RH, Walters BC, Tubbs RS, Shoja MM, Griessenauer CJ. Loss of consciousness at onset of aneurysmal subarachnoid hemorrhage in good-grade patients. *Neurosurg Rev.* 2019 Jul 22. doi: 10.1007/s10143-019-01142-z. [Epub ahead of print] PubMed PMID: 31332702.

15: Park JH, Lee JY, Jeon HJ, Lim BC, Park SW, Cho BM. Safety and completeness of using indocyanine green videoangiography combined with digital subtraction angiography for aneurysm surgery in a hybrid operating theater. *Neurosurg Rev.* 2019 Jul 17. doi: 10.1007/s10143-019-01141-0. [Epub ahead of print] PubMed PMID: 31317284.

16: Tabakow P, Weiser A, Chmielak K, Blauciak P, Bladowska J, Czyz M. Navigated neuroendoscopy combined with intraoperative magnetic resonance cysternography for treatment of arachnoid cysts. *Neurosurg Rev.* 2019 Jul 16. doi: 10.1007/s10143-019-01136-x. [Epub ahead of print] PubMed PMID: 31313009.

17: Won SY, Dubinski D, Behmanesh B, Bernstock JD, Seifert V, Konczalla J, Tritt S, Senft C, Gessler F. Management of hydrocephalus after resection of posterior fossa lesions in pediatric and adult patients-predictors for development of hydrocephalus. *Neurosurg Rev.* 2019 Jul 9. doi: 10.1007/s10143-019-01139-8. [Epub ahead of print] PubMed PMID: 31286305.

18: Matano F, Murai Y, Mizunari T, Yamaguchi M, Yamada T, Baba E, Shibata A, Tamaki T, Morita A. Incision of the anterior petroclinoidal fold during clipping for securing the proximal space of an internal carotid artery-posterior communicating artery aneurysm: a technical note. *Neurosurg Rev.* 2019 Sep;42(3):777-781. doi: 10.1007/s10143-019-01121-4. Epub 2019 Jul 4. PubMed PMID: 31270705.

19: Matsukawa K, Kaito T, Abe Y. Accuracy of cortical bone trajectory screw placement using patient-specific template guide system. *Neurosurg Rev.* 2019 Jul 3. doi: 10.1007/s10143-019-01140-1. [Epub ahead of print] PubMed PMID: 31270704.

20: Wang Q, Zhang J, Zhao K, Xu B. Hyperhomocysteinemia is an independent risk factor for intracranial aneurysms: a case-control study in a Chinese Han population. *Neurosurg Rev.* 2019 Jun 29. doi: 10.1007/s10143-019-01138-9. [Epub ahead of print] PubMed PMID: 31256274.

21: Pertichetti M, Seriola S, Belotti F, Mattavelli D, Schreiber A, Cappelli C, Padovani A, Gasparotti R, Nicolai P, Fontanella MM, Doglietto F. Pituitary adenomas and neuropsychological status: a systematic literature review. *Neurosurg Rev.* 2019 Jun 27. doi: 10.1007/s10143-019-01134-z. [Epub ahead of

print] Review. PubMed PMID: 31250149.

22: Choi MK, Kim SM, Jo DJ. Anterior lumbar interbody fusions combined with posterior column osteotomy in patients who had sagittal imbalance associated with degenerative lumbar flat-back deformity: a retrospective case series. *Neurosurg Rev.* 2019 Jun 24. doi: 10.1007/s10143-019-01129-w. [Epub ahead of print] PubMed PMID: 31236728.

23: Park MK, Park SA, Son SK, Park WW, Choi SH. Correction to: Clinical and radiological outcomes of unilateral biportal endoscopic lumbar interbody fusion (ULIF) compared with conventional posterior lumbar interbody fusion (PLIF): 1-year follow-up. *Neurosurg Rev.* 2019 Sep;42(3):763. doi: 10.1007/s10143-019-01131-2. PubMed PMID: 31236727.

24: Barbot M, Ceccato F, Lizzul L, Daniele A, Zilio M, Gardiman MP, Denaro L, Emanuelli E, Vianello F, Lombardi G, Rolma G, Scaroni C; Padova Pituitary Club. Perioperative multidisciplinary management of endoscopic transsphenoidal surgery for sellar lesions: practical suggestions from the Padova model. *Neurosurg Rev.* 2019 Jun 22. doi: 10.1007/s10143-019-01132-1. [Epub ahead of print] PubMed PMID: 31227951.

25: Soleiman HA, Ironside J, Kealey S, Demetriades AK. Spinal subependymoma surgery: do no harm. Little may be more! *Neurosurg Rev.* 2019 Jun 18. doi: 10.1007/s10143-019-01128-x. [Epub ahead of print] Review. PubMed PMID: 31214945.

26: Tamura R, Yoshida K, Toda M. Current understanding of lymphatic vessels in the central nervous system. *Neurosurg Rev.* 2019 Jun 18. doi: 10.1007/s10143-019-01133-0. [Epub ahead of print] Review. PubMed PMID: 31209659.

27: Tora MS, Xenos D, Texakalidis P, Boulis NM. Treatment of neurofibromatosis 1-associated malignant peripheral nerve sheath tumors: a systematic review. *Neurosurg Rev.* 2019 Jun 17. doi: 10.1007/s10143-019-01135-y. [Epub ahead of print] Review. PubMed PMID: 31209658.

28: Li J, Zhao Y, Zhao M, Cao P, Liu X, Ren H, Zhang D, Zhang Y, Wang R, Zhao J. High variance of intraoperative blood pressure predicts early cerebral infarction after revascularization surgery in patients with Moyamoya disease. *Neurosurg Rev.* 2019 Jun 15. doi: 10.1007/s10143-019-01118-z. [Epub ahead of print] PubMed PMID: 31203482.

29: Lange N, Rothlauf P, Jörger AK, Wagner A, Meyer B, Shiban E. Craniocervical trauma above the age of 90: are current prognostic scores sufficient? *Neurosurg Rev.* 2019 Jun 13. doi: 10.1007/s10143-019-01130-3. [Epub ahead of print] PubMed PMID: 31197623.

30: Kiyofuji S, Sora S, Graffeo CS, Perry A, Link MJ. Anterior interhemispheric approach for clipping of subcallosal distal anterior cerebral artery aneurysms: case series and technical notes. *Neurosurg Rev.* 2019 Jun 11. doi: 10.1007/s10143-019-01126-z. [Epub ahead of print] PubMed PMID: 31187343.

31: Lemée JM, Joswig H, Da Broi M, Corniola MV, Scheie D, Schaller K, Helseth E, Meling TR. WHO grade I meningiomas: classification-tree for prognostic factors of survival. *Neurosurg Rev.* 2019 Jun 10. doi: 10.1007/s10143-019-01117-0. [Epub ahead of print] PubMed PMID: 31183587.

32: Hartmann K, Stein KP, Neyazi B, Felbor U, Hethey S, Sandalcioglu IE. CCM1/KRIT1 mutation in monozygotic twins of a polyzygotic triplet birth: genetic, clinical and radiological characteristics. *Neurosurg Rev.* 2019 Sep;42(3):765-768. doi: 10.1007/s10143-019-01124-1. Epub 2019 Jun 6. PubMed PMID: 31172378.

33: Drosos E, Kalyvas A, Komaitis S, Skandalakis GP, Kalamatianos T, Liouta E, Neromyliotis E, Alexiou

GA, Stranjalis G, Koutsarnakis C. Angiosarcoma-related cerebral metastases: a systematic review of the literature. *Neurosurg Rev.* 2019 Jun 4. doi: 10.1007/s10143-019-01127-y. [Epub ahead of print] Review. PubMed PMID: 31165296.

34: Fang Y, Shao Y, Lu J, Dong X, Zhao X, Zhang J, Chen S. The effectiveness of lumbar cerebrospinal fluid drainage in aneurysmal subarachnoid hemorrhage with different bleeding amounts. *Neurosurg Rev.* 2019 Jun 3. doi: 10.1007/s10143-019-01116-1. [Epub ahead of print] PubMed PMID: 31161445.

35: Timme M, Thomas C, Spille DC, Stummer W, Ebel H, Ewelt C, Hans FJ, Schick U, Puchner M, Wildförster U, Bruns B, Trost HA, Holling M, Grauer O, Hess K, Brokinkel B. Brain invasion in meningiomas: does surgical sampling impact specimen characteristics and histology? *Neurosurg Rev.* 2019 Jun 3. doi: 10.1007/s10143-019-01125-0. [Epub ahead of print] PubMed PMID: 31161444.

36: Yang NR, Kim JH, Ahn JH, Oh JK, Chang IB, Song JH. Is nontraumatic intracerebral hemorrhage different between young and elderly patients? *Neurosurg Rev.* 2019 Jun 3. doi: 10.1007/s10143-019-01120-5. [Epub ahead of print] PubMed PMID: 31161443.

37: Kelly PD, Zuckerman SL, Yamada Y, Lis E, Bilsky MH, Laufer I, Barzilai O. Image guidance in spine tumor surgery. *Neurosurg Rev.* 2019 Jun 1. doi: 10.1007/s10143-019-01123-2. [Epub ahead of print] Review. PubMed PMID: 31154546.

38: Shiban E, Lange N, Rothlauf P, Jörger AK, Wagner A, Ryang YM, Lehmberg J, Meyer B. Inaccuracy of standard geriatric scores in nonagenarians following hospitalization for various spinal pathologies. *Neurosurg Rev.* 2019 Jun 1. doi: 10.1007/s10143-019-01122-3. [Epub ahead of print] PubMed PMID: 31154545.

39: Rennert RC, Tringale K, Steinberg JA, Warnke P, Konety I, Sand LA, Karanjia N, Tummala R, Chen CC. Surgical management of spontaneous intracerebral hemorrhage: insights from randomized controlled trials. *Neurosurg Rev.* 2019 May 29. doi: 10.1007/s10143-019-01115-2. [Epub ahead of print] Review. PubMed PMID: 31144197.

40: Anil G, Sein L, Nga V, Teo K, Chou N, Yeo TT. Dissecting distal cerebellar artery aneurysms: options beyond a parent vessel sacrifice. *Neurosurg Rev.* 2019 May 29. doi: 10.1007/s10143-019-01119-y. [Epub ahead of print] PubMed PMID: 31144196.

41: Park MK, Park SA, Son SK, Park WW, Choi SH. Clinical and radiological outcomes of unilateral biportal endoscopic lumbar interbody fusion (ULIF) compared with conventional posterior lumbar interbody fusion (PLIF): 1-year follow-up. *Neurosurg Rev.* 2019 Sep;42(3):753-761. doi: 10.1007/s10143-019-01114-3. Epub 2019 May 29. Erratum in: *Neurosurg Rev.* 2019 Jun 24;:. PubMed PMID: 31144195.

42: Kapustka B, Kiwic G, Chodakowski P, Miodoński JP, Wysokiński T, Łączyński M, Paruzel K, Kotas A, Marcol W. Anterior lumbar interbody fusion (ALIF): biometrical results and own experiences. *Neurosurg Rev.* 2019 May 20. doi: 10.1007/s10143-019-01108-1. [Epub ahead of print] PubMed PMID: 31111262.

43: Giamouriadis A, Lavrador JP, Bhangoo R, Ashkan K, Vergani F. How many patients require brain mapping in an adult neuro-oncology service? *Neurosurg Rev.* 2019 May 19. doi: 10.1007/s10143-019-01112-5. [Epub ahead of print] PubMed PMID: 31104183.

44: Di Carlo DT, Cagnazzo F, Anania Y, Duffau H, Benedetto N, Morganti R, Perrini P. Post-operative morbidity ensuing surgery for insular gliomas: a systematic review and meta-analysis. *Neurosurg Rev.* 2019 May 17. doi: 10.1007/s10143-019-01113-4. [Epub ahead of print] Review. PubMed PMID:

31098791.

45: Van de Zande N, Manivannan S, Sharouf F, Shastin D, Abdulla M, Chumas PD, Zaben M. Demographics, presentation, and clinical outcomes after traumatic bifrontal contusions: a systematic review. *Neurosurg Rev.* 2019 May 16. doi: 10.1007/s10143-019-01098-0. [Epub ahead of print] Review. PubMed PMID: 31098790.

46: Kamenova M, Stein M, Ram Z, Grossman R, Guzman R, Mariani L, Roth J, Soleman J. Prophylactic antiepileptic treatment with levetiracetam for patients undergoing supratentorial brain tumor surgery: a two-center matched cohort study. *Neurosurg Rev.* 2019 May 16. doi: 10.1007/s10143-019-01111-6. [Epub ahead of print] PubMed PMID: 31098789.

47: Jiang Y, Lv L, Yin S, Zhou P, Jiang S. Primary spinal pilocytic astrocytoma: clinical study with long-term follow-up in 16 patients and a literature review. *Neurosurg Rev.* 2019 May 16. doi: 10.1007/s10143-019-01109-0. [Epub ahead of print] PubMed PMID: 31098788.

48: Behmanesh B, Gessler F, Dubinski D, Quick-Weller J, Cattani A, Schubert-Bast S, Seifert V, Konczalla J, Freiman TM. First clinical experience with the new noninvasive transfontanelle ICP monitoring device in management of children with premature IVH. *Neurosurg Rev.* 2019 May 11. doi: 10.1007/s10143-019-01105-4. [Epub ahead of print] PubMed PMID: 31079320.

49: Di Rienzo A, Colasanti R, Esposito D, Della Costanza M, Carrassi E, Capece M, Aiudi D, Iacoangeli M. Endoscope-assisted microsurgical evacuation versus external ventricular drainage for the treatment of cast intraventricular hemorrhage: results of a comparative series. *Neurosurg Rev.* 2019 May 8. doi: 10.1007/s10143-019-01110-7. [Epub ahead of print] PubMed PMID: 31069562.

50: Bianchi F, Signorelli F, Di Bonaventura R, Trevisi G, Pompucci A. One-stage frame-guided resection and reconstruction with PEEK custom-made prostheses for predominantly intraosseous meningiomas: technical notes and a case series. *Neurosurg Rev.* 2019 Sep;42(3):769-775. doi: 10.1007/s10143-019-01104-5. Epub 2019 May 4. PubMed PMID: 31055698.

51: Wei L, Wei Y, Tian Y, Cao P, Yuan W. Does three-grade classification of T2-weighted increased signal intensity reflect the severity of myelopathy and surgical outcomes in patients with cervical compressive myelopathy? A systematic review and meta-analysis. *Neurosurg Rev.* 2019 May 3. doi: 10.1007/s10143-019-01106-3. [Epub ahead of print] Review. PubMed PMID: 31053986.

Lu VM, Ravindran K, Perry A, Graffeo CS, Dawood HY, Van Gompel JJ, Mekary RA, Smith TR. Recurrence of Rathke's cleft cysts based on gross total resection of cyst wall: a meta-analysis. *Neurosurg Rev.* 2019 Apr 30. doi: 10.1007/s10143-019-01107-2. [Epub ahead of print] Review. PubMed PMID: 31041618.

Hardcastle N, Texakalidis P, Nagarajan P, Tora MS, Boulis NM. Recovery of shoulder abduction in traumatic brachial plexus palsy: a systematic review and meta-analysis of nerve transfer versus nerve graft. *Neurosurg Rev.* 2019 Apr 17. doi: 10.1007/s10143-019-01100-9. [Epub ahead of print] Review. PubMed PMID: 30997618.

Kalogeridi MA, Kougoumtzopoulou A, Zygogianni A, Kouloulis V. Stereotactic radiosurgery and radiotherapy for acoustic neuromas. *Neurosurg Rev.* 2019 Apr 13. doi: 10.1007/s10143-019-01103-6. [Epub ahead of print] Review. PubMed PMID: 30982152.

Meling TR, Patet G. What is the best therapeutic approach to a pediatric patient with a deep-seated brain AVM? *Neurosurg Rev.* 2019 Apr 13. doi: 10.1007/s10143-019-01101-8. [Epub ahead of print] Review. PubMed PMID: 30980204.

Hallikainen J, Lindgren A, Savolainen J, Selander T, Jula A, Närhi M, Koivisto T, Kellokoski J, Ylöstalo P, Suominen AL, Frösen J. Periodontitis and gingival bleeding associate with intracranial aneurysms and risk of aneurysmal subarachnoid hemorrhage. *Neurosurg Rev.* 2019 Apr 10. doi: 10.1007/s10143-019-01097-1. [Epub ahead of print] PubMed PMID: 30972514.

Hlaváč M, Knoll A, Etzrodt-Walter G, Sommer F, Scheithauer M, Coburger J, Wirtz CR, Pala A. Intraoperative MRI in transsphenoidal resection of invasive pituitary macroadenomas. *Neurosurg Rev.* 2019 Apr 4. doi: 10.1007/s10143-019-01102-7. [Epub ahead of print] PubMed PMID: 30949920.

Ikawa F, Michihata N, Matsushige T, Abiko M, Ishii D, Oshita J, Okazaki T, Sakamoto S, Kurogi R, Iihara K, Nishimura K, Morita A, Fushimi K, Yasunaga H, Kurisu K. In-hospital mortality and poor outcome after surgical clipping and endovascular coiling for aneurysmal subarachnoid hemorrhage using nationwide databases: a systematic review and meta-analysis. *Neurosurg Rev.* 2019 Apr 2. doi: 10.1007/s10143-019-01096-2. [Epub ahead of print] PubMed PMID: 30941595.

Spina A, Boari N, Gagliardi F, Bailo M, Iannaccone S, Mortini P. Gamma Knife radiosurgery for trigeminal neuralgia: when? *Neurosurg Rev.* 2019 Apr 1. doi: 10.1007/s10143-019-01099-z. [Epub ahead of print] PubMed PMID: 30937575.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=neurosurgical_review

Last update: **2025/06/22 05:18**

