tion rates and high patient comfort in the postoperative period.

Statement of ethics

This study was conducted in accordance with the ethical principles of the Declaration of Helsinki and was approved by Cukurova University Clinical Research Ethics Committee (Date: 23/02/2024, decision number 22).

Conflict of interest statement

The authors declare that they have no financial conflict of interest with regard to the content of this report.

Funding source

The authors received no financial support for the research, authorship, and/or publication of this article.

Author Contributions

KO is the major contributor in writing the manuscript. KO, EG and AG are involved in the design and conception of the study. KO, EG, EU, MM, HS, and AG are involved in the collection of the data and the clinical follow-up of the patients. All authors read and approved the final version of the manuscript.

Availability of data and materials

The datasets used and/or analyzed during the current study are available from the corresponding author on reasonable request.

Originality Assertion

The authors have not submitted this article to another journal previously.

References

1.Gnanalingham KK, Lafuente J, Thompson D, et al. Surgical procedures for posterior fossa tumors in children: does craniotomy lead to fewer complications than craniectomy? J Neurosurg. 2002;97(4):821-6.
https://doi.org/10.3171/jns.2002.97.4.0821

2.Hadanny A, Rozovski U, Nossek E, et al. Craniectomy versus craniotomy for posterior fossa metastases: Complication profile. World Neurosurg. 2016;89:193-8.
https://doi.org/10.1016/j.wneu.2016.01.076

3.Kuhn EN, Chagoya G, Agee BS, et al. Suboccipital craniotomy versus craniectomy: A survey of practice patterns. World Neurosurg. 2018;109:e731-8.
https://doi.org/10.1016/j.wneu.2017.10.073

4.Legnani FG, Saladino A, Casali C, et al. Craniotomy vs. craniectomy for posterior fossa tumors: a prospective study to evaluate complications after surgery. Acta Neurochir (Wien). 2013;155(12):2281-6.
https://doi.org/10.1007/s00701-013-1882-y

5.Yasargil MG, Fox JL. The microsurgical approach to acoustic neurinomas. Surg Neurol. 1974;2(6):393-8.

6.Ogilvy CS, Ojemann RG. Posterior fossa craniotomy for lesions of the cerebellopontine angle-technical note. J Neurosurg. 1993;78(3):508-509.
https://doi.org/10.3171/jns.1993.78.3.0508

7.Grover K, Sood S. Midline suboccipital burr hole for posterior fossa craniotomy. Childs Nerv Syst. 2010;26(7):953-5.
https://doi.org/10.1007/s00381-010-1139-5

8.Hayward R. Posterior fossa craniotomy: an alternative to craniectomy. Pediatr Neurosurg. 1999;31(6):330.
https://doi.org/10.1159/000028885

9.Prell J, Scheller C, Alfieri A, et al. Midline craniotomy of the posterior fossa with attached bone flap: experiences in paediatric and adult patients. Acta Neurochir (Wien). 2011;153(3):541-5.
https://doi.org/10.1007/s00701-010-0924-y

10.Sheikh BY. Simple and safe method of cranial reconstruction after posterior fossa craniectomy. Surg Neurol. 2006;65(1):63-6.
https://doi.org/10.1016/j.surneu.2005.03.017

11.Samii M, Matthies C. Management of 1000 vestibular schwannomas (acoustic neuromas): Surgical management and results with an emphasis on complications and how to avoid them. Neurosurgery. 1997;40(1):11-21.
https://doi.org/10.1097/00006123-199701000-00002

12.Kurpad SN, Cohen AR. Posterior fossa craniotomy: An alternative to craniectomy. Pediatr Neurosurg. 1999;31(1):54-7.
https://doi.org/10.1159/000028833

13.Missori P, Rastelli E, Polli FM, et al. Reconstruction of suboccipital craniectomy with autologous bone chips. Acta Neurochir (Wien). 2002;144(9):917-20.
https://doi.org/10.1007/s00701-002-0988-4

14.Matsumoto K, Kohmura E, Kato A, et al. Restoration of small bone defects at craniotomy using autologous bone dust and fibrin glue. Surg Neurol. 1998;50(4):344-6.
https://doi.org/10.1016/S0090-3019(98)00081-0

15.Sawamura Y, Terasaka S, Ishii N, et al. Osteoregenerative lateral suboccipital craniectomy using fibrin glue. Acta Neurochir (Wien). 1997;139(5):446-51.
https://doi.org/10.1007/BF01808882

16.Tokoro K, Chiba Y, Murai M, et al. Cosmetic reconstruction after mastoidectomy for the transpetrosal-presigmoid approach: technical note. Neurosurgery. 1996;39(1):186-8.
https://doi.org/10.1097/00006123-199607000-00044