

Controversies in Neuroendoscopy

edited by Peter, Nakaji and Hasan A., Zaidi, Thieme, September 2019, 1 ed., 310 p., (Hardback). Illustrations 184,
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BOOK REVIEW

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Progressively, over more than twenty years, endoscopic procedures have been developed and popularized for the treatment of neurosurgical pathologies. As one of the most popular, neuroendocopy procedure has opened new avenues by revolutionizing the treatment of hydrocephalus through endoscopic third ventriculostomy. Moreover, neuroendoscopy has modified the surgical approaches of skull base tumours, first for the pituitary adenomas, later for various pathologies such as meningiomas or chordomas.

Nevertheless, there is still a debate about the choice of the technique, either neuroendocopic or microsurgical. Despite the expanded use of neuroendoscopy across several subspecialities, its benefits and disadvantages versus those of traditional microsurgical methods remain highly controversial.

'Controversies in Neuroendoscopy' by Peter Nakaji and Hasan Zaidi fill an unmet need for a book encompassing best practices, patient selection, and limitations and advantages of neuroendoscopic surgical approaches.

The book presents a detailed analysis and comparison of both, endoscopic and microsurgical procedures in various pathologies: skull base, pituitary tumour, craniovertebral junction, ventricular and paraventricular lesions, neurovascular, intraparenchymal haemorrhage, spine and peripheral nerves.

Each subject is presented with the comparison between an endoscopic expert and an expert in microsurgical approach, both opinions being commented by a moderator.

High quality imaging and intraoperative colour photographs are abundant. Illustrations from illustrators of the Barrow Neurological Institute give an additional quality to this remarkable book.

Neurosurgery residents, neurosurgeons, and spine surgeons will all benefit from reading this useful book, and they will no doubt use it as a go-to resource for specific cases.

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