Principles of Posterior Fossa Surgery

Author: Nanda
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Description

FOUR STARS from Doody's Star Ratings™

It was a pleasure to review this book, which is very comprehensive in its coverage on the diagnosis, management, and prognosis of diseases of the posterior fossa. This book has described extensively and accurately the anatomical aspects of posterior fossa through skull base and intraoperative images, with apt correlation to the radiological imaging. This correlation enables the reader to understand and remember better the normal anatomy of posterior fossa -- American Journal of Neuroradiology

The ability to operate successfully in the posterior fossa requires a thorough understanding of its neuroanatomy and physiology, accurate localization of lesions, and optimal surgical technique. Principles of Posterior Fossa Surgery provides an in-depth review of this complex surgical region, with detailed coverage of anatomy, pathology, imaging, disease-based management, and surgical approaches. Written by a team of highly respected specialists, it will be a valued reference and refresher for clinicians who perform posterior fossa surgery, as well as for trainees.

Special Features:

- Begins with a useful framework in neuroimaging, neuropathology, and microsurgical anatomy of the posterior cranial fossa
- Covers a wide range of approaches and pathologies in the region, including congenital Chiari malformations, infections, trauma, aneurysms, and tumors
- Highlights the anatomy of common surgical approaches, with numerous radiographic and endoscopic images that aid in visualizing concepts
- Provides full coverage of surgical techniques, starting with basic concepts and progressing to operations on more challenging entities like petroclival meningiomas, jugular bulb tumors, acoustic neuromas, complex basilar aneurysms, and posterior circulation aneurysms
- Includes comprehensive sections on surgical management of pediatric posterior fossa tumors and shunt surgery for lesions
Shares the insights of prominent neurosurgeons from top centers around the world, who discuss their preferred strategies for tackling this challenging area of the brain.

Focusing solely on the posterior fossa, this book fills an important gap for neurosurgeons, skull base specialists, and residents and fellows who are training in this anatomically challenging region. It will enrich their understanding and knowledge of the field, expand their surgical armamentarium, and help achieve the most successful clinical outcomes.