

SpringerNeurosurgery

Vinko V. Dolenc

**Microsurgical Anatomy and Surgery
of the Central Skull Base**

In collaboration with Larry Rogers.

2003. XI, 306 pages. 189 figures, partly in colour.

Hardcover **EUR 198,-**

(Recommended retail price)

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ISBN 3-211-83236-X

The atlas covers the normal microsurgical anatomy of the central skull base as well as the pathological anatomy of the tumorous and vascular lesions of this region. The book gives a detailed description of the contemporary approaches to the individual pathologies in the central skull base which have evolved in the last 15 years and represent the summary of the experience gained by the author through continuous neuroanatomy laboratory work as well as in performing over 1500 operations in the region. Complete or partial resection of the tumorous lesions, the exclusion of aneurysms and preservation of the patency of the internal carotid artery will be presented as well as the cost-benefit ratios of these direct surgical approaches to the central skull base.

The large number of operations is a very valuable and unique source of technical data and statistics and allows a careful evaluation of the approaches to the region based on a precise understanding of the underlying anatomy.

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E. De Divitiis, P. Cappabianca (eds.)

**Endoscopic Endonasal
Transsphenoidal Surgery**

2003. XVI, 198 pages. 172 figures, partly in colour.

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ISBN 3-211-00972-8

Currently, surgical management provides the definitive treatment of choice for most pituitary adenomas, craniopharyngiomas and meningiomas of the sellar region. The elegant minimally invasive transnasal endoscopic approach to the sella turcica and the anterior skull base has added a new dimension of versatility to pituitary surgery and can be adapted to many lesions in the region.

In this multi-author book with numerous color illustrations the main aspects of the endonasal endoscopic approach to the skull base are presented, starting with a clear description of the endoscopic anatomy, the panoramic view afforded by the endoscope and the development of effective instruments and adjuncts. After the diagnostic studies, the strictly surgical features are considered in detail. The standard technique is described and particular aspects are treated, including the new extended approaches to the cavernous sinus, sphenoid ethmoid planum and clival regions.



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