C.B. Lumenta, J. Haase, C. Di Rocco, J.J.A. Mooij (eds) European Manual of Medicine–Neurosurgery

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The current book of Neurosurgery in series of European Manual of Medicine published by Springer in 2010 and edited by CB Lumenta, C. Di Rocco, J. Haase, and J.J.A. Mooij has a soft attractive cover with a colored print on it. Its series editors are W. Arnold and U. Ganzer. The book is forwarded by the series editors themselves. The target readers would be mainly trainees neurosurgery residents, students, and specialized clinicians in order to offer them a structured and stepwise training and expertise with up-to-date knowledge and information on the diagnosis and treatment of neurosurgical disorders. The book is aimed at finding out a consensus on the demands of modern European medicine based on logbooks recommended by Union of European Medical Societies. The series editors and Springer have invited internationally acclaimed Neurosurgeons to contribute chapters according to their areas of expertise. It is written in a simple and comprehensive language with several headings and subheadings in order to give the required information in a brief, condensed, comprehensive, and concise manner. There are numerous self-explanatory illustrations.

The editors and authors of the book have tried to include the diagnostic and therapeutic proceeding of different neurosurgical cases depending on their neurological localization. The subspecialties like pediatric neurosurgery, functional and stereotactic neurosurgery and critical neurosurgery, etc. have received their due importance.

The book covers all aspects of neurosurgery starting from the basics to the multi-resistant infections in critical neurosurgical patients including the pediatric population. The chapters on training in neurosurgery is remarkable as it addresses all

aspects of training like introduction, goal, length, contents, program, institutions, equipment, facilities, responsibilities at different levels, requirement for trainees, progress evaluation, and certification at the end.

The book carries attractive anatomical illustrations and simple understandable representations. It covers almost all the applied neuro-anatomy. Some minor aspects are overlooked, like the depiction of foramen spinosum. It carries concise information on neurophysiology. The edema like cytotoxic, vasogenic, and interstitial are well described. Clinical history and examination is briefly described in this book.

Cerebral diagnostic covers everything starting from the basic to advance diagnostic tools along with almost all pathological aspects. Brain tumors are discussed in detail; a very informative tumor classification is outlined. It carries a nice flow diagram to show mutation and genetic transformation and their implication along with a nice illustration of pathological entities.

Epidemiology is very well authored. The flow schematic charts are very well documented and self-descriptive.

Implication of Spetzler–Martin grading could have added value to the chapter on arteriovenous malformations. Chapters on Cavernoma, dural AVF, and pediatric vascular lesions are well written. Trauma is described in detail with all important aspects, which are covered in a systematic way. Beautiful photographs showing CSF fistula, clinical condition, as well as operative finding are included.

Development and acquired anomalies are brief, but informative. Chapters dealing with spine are very nicely written and cover all recent advances and illustrations related to the spine.

In conclusion, it is a great book for practitioner as well as for trainees written in simple understandable language covering the basics to the most advance aspects of neurosurgery. It can be definitely recommended as a nearly complete guideline for neurosurgical trainees.

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