Neuroradiology: The Essentials With MR and CT, 1st Edition
Val M. Runge, Wendy R.K. Smoker, and Antonios Valavanis
New York, NY: Thieme Publishers
256 pp, 1138 illustrations

Neuroradiology: The Essentials With MR and CT is an image-rich compendium of the most common entities that are encountered in day-to-day practice in neuroradiology. It has been written to be instructive for the radiology resident, neuroradiology fellow, and the more versed general radiologist. The purpose of the book is to touch upon the most important imaging findings in the more common disease processes, rather than to elaborate on esoteric disease entities.

I would like to specially emphasize the abundance of clinical cases portrayed using state-of-the-art imaging. There are more than 5 images per page and often more than 1 clinical example per disease entity discussed in the text. The images are of high quality: zoomed and cropped to enhance relevant findings and anatomical structures and with adequate use of arrows and labels. This image-rich format is ideal for preparation for the new image-rich American Board of Radiology examination as well as for use as a quick reference guide in daily clinical practice.

The text is well organized into brain, head and neck, as well as spine sections. The head and neck section is subdivided according to anatomical regions. The brain and spine sections are divided according to disease processes. First, relevant anatomy for each region is described. Subsequently, each disease entity is discussed consecutively with emphasis on description and demonstration of the relevant clinical and imaging findings, including common pitfalls and high-yield information. In addition, magnetic resonance imaging physics pearls relevant to clinical practice are spread throughout the book. The clinical cases include the use of advanced imaging techniques such as perfusion, high-resolution imaging, and spectroscopy. The written text proceeds on a quick pace with avoidance of long tedious pathophysiologic descriptions. Instead, relevant radiological anatomy and disease pathophysiology are taught with the aid of clinical cases and images, which makes the text easy to read. It is not meant to be used as an all-inclusive reference book but rather as a study material in preparation for boards or as a quick-access, image-rich, reference guide to be kept in the reading room.

The authors, Drs Runge, Smoker, and Valavanis, have done a superb job in concentrating the breadth of clinical neuroradiology into a manageable book, which may easily be read in 1 or 2 fortights. Neuroradiology: The Essentials With MR and CT should be a favorite both for boards study as well as to be kept close at hand in the reading room. I enthusiastically recommend this textbook to all residents, neuroradiology fellows, and general diagnostic radiologists.

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DISCLOSURE
The author reports no conflicts of interest.