

Diagnostic imaging : pediatric neuroradiology / A. James Barkovich, Bernadette L. Koch, and Kevin R. Moore

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Abstrak

Consists of diagnoses of all common disorders of the pediatric nervous system and many that are not common. For each diagnosis, information is included concerning the clinical presentation(s) of affected patients, the best sequences to perform for imaging analysis, what each imaging sequence is expected to show (in both common and uncommon presentations), and examples of images showing the key features. In addition, information is included concerning the pathophysiology and pathology of the disorders being discussed, and some basic information concerning the causative genes (when appropriate). In addition to the diagnoses, the book contains introductory chapters in multiple sections that give background on basic embryology, anatomy, and physiology as well as typical imaging features of normal structures in areas being imaged. Put together, the contents of the book make it useful for readers of many different backgrounds and at nearly all stages of training as well as practicing health professionals