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## Epilepsy in Children

By Gouri Passi, Sharad Thora, VP Goswami, Vijay Yewale, SS Rawat & Swati Mulye (Eds)

Jaypee Brothers Medical Publishers (P) Ltd., 2014. Softcover. Condition: New. First edition. Children have the highest incidence of epilepsy compared to any other age category. However, 70% of newly diagnosed children with epilepsy can undergo remission if treated appropriately. Unfortunately in developing countries, more than three quarters of patients with epilepsy, do not receive adequate treatment. There have been dramatic changes in the landscape of pediatric epilepsy. The classification is always in a state of flux. Partial onset epilepsy is now to be called focal epilepsy. The term complex partial epilepsy has been discarded to be called dyscognitive seizures. In fact, the first identified channelopathy was a defect in the potassium channel in benign familial neonatal seizures. Genetic underpinnings of many other types of epilepsy are slowly being unraveled; such as generalized epilepsy with febrile seizures plus which is now known to be caused by a defect in voltage-gated sodium channels. Diagnostic tools such as high resolution magnetic resonance imaging (MRI) have revealed many different patterns of neuronal migration abnormalities, including periventricular nodular heterotopias, band heterotopias, small cortical dysplasia and perisylvian heterotopias. Positron emission tomography (PET) and single photon emission computed tomography (SPECT) scans, SISCOM, functional magnetic resonance imaging (fMRI)...



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