This atlas describes the different types of the normal EEG, its variants, and their diagnostic significance. The main part of the book is devoted to the specific EEG changes of the relevant epilepsy syndromes in infancy and childhood. For the first time, special emphasis is laid on the course of the EEG, starting at the time of initial presentation, displaying characteristic and also exceptional examples, that frequently extend well into adulthood. Longitudinal follow-up of individual EEG over a formerly unreported time period makes this book a unique text and valuable tool for epileptologists. The book also contains EEG recordings of relatives when needed to exemplify the multifactorial pathogenesis. An appendix contains data on the EEG of brain-healthy children.

Contents:
- The normal EEG and its variants
- Rare variants of the normal EEG
- Epilepsy-related genetic EEG traits
- The EEG in the pathogenetic analysis of epilepsy
- The EEG in special syndromes
- The EEG in epilepsy
- Some EEG features important for differential diagnosis
- Appendix: The EEG in healthy children
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