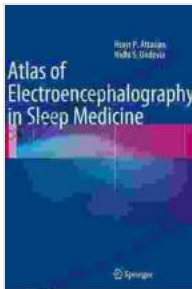


# Atlas of Electroencephalography in Sleep Medicine: A Comprehensive Guide to Visual Analysis of Sleep EEG Recordings

The Atlas of Electroencephalography in Sleep Medicine is a comprehensive guide to the visual analysis of sleep EEG recordings. It provides a detailed overview of the basic principles of EEG, the different types of sleep EEG patterns, and the clinical significance of these patterns. The atlas is richly illustrated with over 1,000 EEG tracings, making it an invaluable resource for clinicians and researchers alike.

## Section 1: Basic Principles of EEG

The first section of the atlas reviews the basic principles of EEG. It covers the following topics:



### Atlas of Electroencephalography in Sleep Medicine

by Hrayr P. Attarian

★★★★★ 5 out of 5

Language : English  
File size : 47594 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 110 pages



\* The generation of EEG signals \* The different types of EEG waves \* The EEG frequency bands \* The EEG amplitude \* The EEG coherence

## Section 2: The Different Types of Sleep EEG Patterns

The second section of the atlas describes the different types of sleep EEG patterns. It covers the following topics:

\* The awake EEG \* The N1 sleep EEG \* The N2 sleep EEG \* The N3 sleep EEG \* The REM sleep EEG

## Section 3: The Clinical Significance of Sleep EEG Patterns

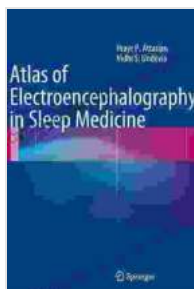
The third section of the atlas discusses the clinical significance of sleep EEG patterns. It covers the following topics:

\* The diagnosis of sleep disorders \* The assessment of sleep quality \* The monitoring of sleep during treatment

## Section 4: Atlas of Sleep EEG Tracings

The fourth section of the atlas is an atlas of sleep EEG tracings. It contains over 1,000 EEG tracings, which are organized by sleep stage and clinical condition. The tracings are accompanied by detailed descriptions, making them easy to interpret.

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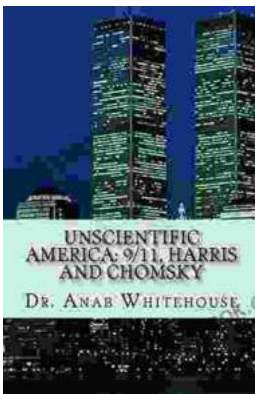
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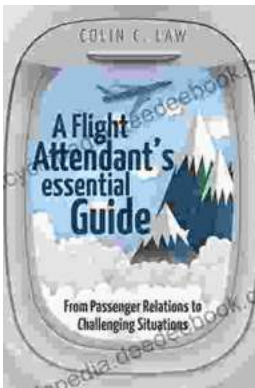
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