

Contents

Section I | Introduction

- 1 Introduction to EEG Interpretation, 3

Section II | Categorization

- 2 Identifying EEG Patterns by Their Features, 19

Section III | Patterns

- 3 Alpha Activity, 33
- 4 Artifacts, 71
- 5 Benign Epileptiform Transients of Sleep, 117
- 6 Beta Activity, 127
- 7 Breach Effect, 141
- 8 Burst-suppression Pattern, 151
- 9 Cone Waves, 165
- 10 Delta Activity, 169
- 11 Fourteen and Six Per Second Positive Bursts, 197
- 12 Hypersynchronous Slowing, 203
- 13 Ictal Epileptiform Patterns, 217
- 14 Interictal Epileptiform Patterns, 249

- 15 K Complexes, 281
- 16 Lambda Waves, 291
- 17 Low-Voltage EEG and Electroencephalographic Inactivity, 297
- 18 Mittens, 307
- 19 Needle Spikes, 311
- 20 Paroxysmal Fast Activity, 317
- 21 Periodic Epileptiform Discharges, 331
- 22 Phantom Spike and Wave, 353
- 23 Photic Stimulation Responses, 359
- 24 Positive Occipital Sharp Transients of Sleep, 371
- 25 Posterior Slow Waves of Youth, 377
- 26 Saw-tooth Waves of REM Sleep, 383
- 27 Sleep Spindles, 391
- 28 Subclinical Rhythmic Electroencephalographic Discharge of Adults, 401
- 29 Theta Activity, 413
- 30 Triphasic Pattern, 433
- 31 Vertex Sharp Transients, 443

Index, 451