

Contents

Contributors ix

Preface xiii

1. Technical Aspects of EEG 1
Jonathan J. Halford
2. Normal EEG 19
William O. Tatum, IV
3. Artifacts of Recording 49
William O. Tatum, IV
4. Abnormal EEG: Nonepileptiform 75
Selim R. Benbadis and Elson L. So
5. Abnormal EEG: Epileptiform 99
William O. Tatum, IV
6. Pediatric Seizures 123
Douglas R. Nordli, Jr. and Phillip L. Pearl
7. Ambulatory EEG 143
William O. Tatum, IV
8. Video-EEG and Adult Seizures 165
Michael Sperling and William O. Tatum, IV
9. Invasive Video-EEG 193
Stephan Schuele and Giridhar Kalamangalam
10. The EEG in Status Epilepticus 209
Frank W. Drislane and Peter Kaplan
11. ICU EEG 239
Nicolas Gaspard and Lawrence J. Hirsch