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	Autore	Mizrahi Eli M.
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Cover; Title; Copyright; Contents; Preface; Acknowledgments; Share Atlas of Neonatal Electroencephalography: Fourth Edition; Chapter 1: Approach to Visual Analysis and Interpretation; Terminology Related to Age-Dependent Developmental Features; The Process of Visual Analysis; The Clinical Impression; What Is the CA?; Is There Evidence of Focal Brain Dysfunction?; Is There Evidence of Diffuse Brain Dysfunction?; When Did the Brain Insult Occur?; Are There Clinical or Electrical Seizures?; What Is the Prognosis?; Is There an Indication That a Specific Disease Entity Is Present?

Chapter 2: Techniques of Recording General Principles; Personnel; Data Collection; Infant Preparation; Electrode Placement; Polygraphic Parameters; Electrooculogram; Electromyogram; Electrocardiogram; Respiration; Specialized Polygraphic Measures; Montage Selection; Instrument Settings; Video; Nursery Environment; Infant Positioning; Camera Mount; Lighting; Potential for Missed Events; Recording Protocols; Prolonged EEG-Video Monitoring; Chapter 3: Artifacts; Environment; Recording Instrumentation-Patient Interface; Recording Instrumentation; Noncerebral Physiologic Potentials Alterations in Electrical Properties of Scalp or Skull Vital Signs Monitoring; Movements; List of Figures; Environmental Interference; Alternations of Electrode Impedance; Potentials Induced by Movements; Endogenous Noncerebral Potentials; Chapter 4: Elements of the Normal Neonatal EEG; Continuum of Development; Continuity; Bilateral Synchrony; EEG Developmental Landmarks; Beta-Delta Complexes; Temporal Theta and Alpha Bursts; Frontal Sharp Waves; Distinguishing Between the Waking and Sleep EEG; Reactivity to Stimulation; Additional Special Waveforms and Patterns; Bifrontal Delta Activity Temporal Sharp Waves Summary of Conceptional Age-Dependent Findings; 24 to 26 Weeks Conceptional Age (Figures 4.4 and 4.5); 27 to 28 Weeks Conceptional Age (Figures 4.6-4.8); 29 to 30 Weeks Conceptional Age (Figures 4.9-4.12); 31 to 33 Weeks Conceptional Age (Figures 4.13-4.18); 34 to 35 Weeks Conceptional Age (Figures 4.19-4.22); 36 to 37 Weeks Conceptional Age (Figures 4.23 and 4.24); 38 to 40 Weeks Conceptional Age (Figures 4.25-4.37); 41 to 44 Weeks Conceptional Age (Figure 4.38); List of Figures; Age-Dependent Evolution; 24 to 26 Weeks Conceptional Age; 27 to 28 Weeks Conceptional Age 29 to 30 Weeks Conceptional Age 30 to 32 Weeks Conceptional Age; 33 Weeks Conceptional Age; 34 to 35 Weeks Conceptional Age; 36 to 37 Weeks Conceptional Age; 38 to 40 Weeks Conceptional Age; 41 to 44 Weeks Conceptional Age; 45 to 48 Weeks Conceptional Age; Chapter 5: Patterns of Uncertain Diagnostic Significance; Focal Sharp Waves; Amplitude and Duration; Incidence and Persistence; Morphology and Complexity of Waveforms; Polarity; Features Associated With Changes in Wake/Sleep States; Focal Rhythmic Activity; Midline Frontal Rhythmic Activity; Midline Central Rhythmic Activity Occipital Rhythmic Theta Activity