

Contents

<i>Preface</i>	<i>vii</i>
<i>Abbreviations</i>	<i>viii</i>
<i>Plates</i>	<i>Between pages 42 and 43</i>
1. Sonoembryology, Machine Settings and Imaging Techniques	1
2. Neurosonography Checklist and Structured Reporting	10
3. Axial Planes	13
4. Sagittal Planes	21
5. Coronal Planes	27
6. Lateral Ventricles, Third Ventricle, and Anterior Complex	33
7. Corpus Callosum, Septum Pellucidum, and Optic Chiasm	40
8. Cerebellum and Vermis	50
9. Cerebral Sulci	60
10. Spine and Neural Tube Defects	67
11. Major CNS Anomalies: Quick Reference Guide	82
• Acrania–Exencephaly–Anencephaly	83
• Absent Septum Pellucidum and Septo-optic Dysplasia	85
• Agenesis of the Corpus Callosum	87
• Arachnoid Cyst	89
• Arnold–Chiari Malformation Type II	91
• Blake’s Pouch Cyst	93
• Cephalocele	94
• Cerebellar Hypoplasia	97
• Dandy–Walker Malformation	99
• Holoprosencephaly	101
• Hydranencephaly	103
• Intracranial Hemorrhage and Stroke	105
• Lissencephaly	107
• Mega Cisterna Magna	110
• Microcephaly	112
• Rhomboencephalosynapsis (RES)	114
• Schizencephaly	115
• Vermian Hypoplasia	117
Index	119