

Features:

- Provides **up-to-date, evidence-based content** throughout, including state-of-the-art coverage of personalized medicine and genetics.
- Contains **new chapters** on Big Data for the Smallest Patients: What we can learn from neonatal database research; Role of Umbilical Cord Management in Neonatal Resuscitation; Care of Periviable Micropremies: the Japanese perspective; Longer Term Respiratory Outcomes of Prematurity; and Perinatal Palliative Care.
- Features **extensive updates throughout**, including blood and the hematopoietic system; social and economic contributors to neonatal outcome; fetal growth restriction; diagnostic imaging of the neonate; anesthesia in the neonate; postnatal bacterial infections; neonatal management of congenital heart disease; and retinopathy of prematurity.
- Includes **over 600 detailed, full-color illustrations** that depict disorders in the clinical setting and explain complex information.
- Provides **indexing in both volumes** that provides quick access to specific guidance.
- Offers a **global perspective** with an expanded number of international contributors.
- An ideal resource for clinical practice as well as recommended reading for **neonatology board review** or maintenance of certification.

- **An eBook version is included with purchase.** The eBook allows you to access all of the text, figures, and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

Περιεχόμενα:

- 1 Growth of Neonatal-Perinatal Medicine—A Historical Perspective
- 2 Epidemiology for Neonatologists
- 3 Big Data for the Smallest Patients—What We Can Learn From Neonatal Database Research
- 4 Medical Ethics in Neonatal Care
- 5 Improving the Quality, Safety, and Equity of Neonatal Intensive Care for Infants and Families
- 6 Importance of Simulation in Neonatology
- 7 Perinatal and Neonatal Care in Developing Countries
- 8 Social and Economic Contributors to Neonatal Outcome in the United States
- 9 Genetic Aspects of Perinatal Disease and Prenatal Diagnosis
- 10 Perinatal Ultrasound
- 11 Estimation of Fetal Well-Being
- 12 Surgical Treatment of the Fetus
- 13 Adverse Exposures to the Fetus
- 14 Fetal Growth Restriction: A Complex Interplay Between the Intrauterine and Maternal Environment
- 15 Developmental Origins of Health and Disease
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Appendix A Therapeutic Agents

Appendix B Tables of Normal Values

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