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1. Special Characteristics of Pediatric Anesthesia

2. Behavioral Development

3. Respiratory Physiology

4. Airway Physiology and Development

5. Cardiovascular Physiology

6. Regulation of Fluids and Electrolytes

7. Thermoregulation

PART II Pharmacology

8. Developmental Pharmacology

9. Intravenous Anesthetics

10. Inhaled Anesthetics

11. Local Anesthetics

12. Opioids

13. Neuromuscular Blocking Agents

14. Anesthetic Adjuncts

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15. Psychological Aspects of Pediatric Anesthesia

16. Preoperative Preparation

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18. Monitoring

19. Normal and Difficult Airway Management

20. Ultrasound

21. Induction, Maintenance, and Recovery

22. Blood Conservation and Transfusion Medicine

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24. Regional Anesthesia

25. Chronic Pain Management

26. Palliative Pain Management

PART V Clinical Management of Specialized Surgical Problems

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28. Anesthesia for General Surgery in Neonates

29. Anesthesia for Fetal Surgery

30. Anesthesia for Congenital Heart Disease

31. Anesthesia for Neurosurgery

32. Anesthesia for Thoracic Surgery

33. Anesthesia for General Abdominal, Urologic

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