

Unit One: Evidence-Based Practice

1. Evidence-Based Clinical Practice

Unit Two: Support of the Neonate

2. Prenatal Environment: Effect on Neonatal Outcome
3. Perinatal Transport and Levels of Care
4. Care at Birth
5. Immediate Newborn Care
6. Heat Balance
7. Physiologic Monitoring
8. Acid-Base Homeostasis and Oxygenation
9. Diagnostic Imaging in the Neonate
10. Pharmacology in Neonatal Care
11. Drug Withdrawal in the Neonate
12. Pain and Pain Relief
13. The Neonate and the Environment: Impact on Development

Unit Three: Metabolic and Nutritional Care of the Neonate

14. Fluid and Electrolyte Management
15. Glucose Homeostasis
16. Total Parenteral Nutrition
17. Enteral Nutrition
18. Breast Feeding the Neonate with Special Needs
19. Skin and Skin Care

Unit Four: Infection and Hematologic Diseases of the Neonate

20. Newborn Hematology
21. Jaundice
22. Infection in the Neonate

Unit Five: Common Systemic Diseases of the Neonate

23. Respiratory Diseases
24. Cardiovascular Diseases and Surgical Interventions
25. Neonatal Nephrology
26. Neurologic Disorders
27. Genetic Disorders, Malformations, and Inborn Errors of Metabolism

28. Neonatal Surgery

Unit Six: Psychosocial Aspects of Neonatal Care

29. Families in Crisis: Theoretical and Practical Considerations

30. Grief and Perinatal Loss

31. Discharge Planning and Follow-Up of the Neonatal Intensive Care Unit Infant

32. Ethics, Values, and Palliative Care in Neonatal Intensive Care

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