

Unit 1: Foundations for Medical-Surgical Nursing

1. Introduction to Medical-Surgical Nursing Practice
2. Common Health Problems of Older Adults
3. Assessment and Care of Patients with Pain
4. Genetic Concepts for Medical-Surgical Nursing
5. Evidence-Based Practice in Health Care
6. Rehabilitation Concepts for Chronic and Disabling Health Problems
7. End-of-Life Care

Unit II: Concepts of Emergency Care and Disaster Preparedness

8. Concepts of Emergency and Trauma Nursing
9. Care of Patients with Common Environmental Emergencies
10. Concepts of Emergency and Disaster Preparedness

Unit III: Management of Patients with Fluid, Electrolyte, and Acid-Base Imbalances

11. Assessment and Care of Patients with Fluid and Electrolyte Imbalances
12. Assessment and Care of Patients with Acid-Base Imbalances
13. Infusion Therapy

Unit IV: Management of Perioperative Patients

14. Care of Preoperative Patients
15. Care of Intraoperative Patients
16. Care of Postoperative Patients

Concept Overview: Protection

Unit V: Problems of Protection: Management of Patients with Problems of the Immune System

17. Inflammation and Immunity
18. Care of Patients with Arthritis and Other Connective Tissue Diseases
19. Care of Patients with HIV Disease and Other Immunodeficiencies
20. Care of Patients with Immune Function Excess: Hypersensitivity (Allergy) and Autoimmunity
21. Cancer Development
22. Care of Patients with Cancer
23. Care of Patients with Infection

Unit VI: Problems of Protection: Management of Patients with Problems of the Skin, Hair, and Nails

24. Assessment of the Skin, Hair, and Nails
25. Care of Patients with Skin Problems
26. Care of Patients with Burns

Concept Overview: Oxygenation and Tissue Perfusion

Unit VII: Problems of Oxygenation: Management of Patients with Problems of the Respiratory Tract

27. Assessment of the Respiratory System
28. Care of Patients Requiring Oxygen Therapy or Tracheostomy
29. Care of Patients with Noninfectious Upper Respiratory Problems

- 30. Care of Patients with Noninfectious Lower Respiratory Problems
- 31. Care of Patients with Infectious Respiratory Problems
- 32. Care of Critically Ill Patients with Respiratory Problems

**Unit VIII: Problems of Cardiac Output and Tissue Perfusion:
Management of Patients with Problems of the Cardiovascular System**

- 33. Assessment of the Cardiovascular System
- 34. Care of Patients with Dysrhythmias
- 35. Care of Patients with Cardiac Problems
- 36. Care of Patients with Vascular Problems
- 37. Care of Patients with Shock
- 38. Care of Patients with Acute Coronary Syndromes

**Unit IX: Problems of Tissue Perfusion: Management of Patients with
Problems of the Hematologic System**

- 39. Assessment of the Hematologic System
- 40. Care of Patients with Hematologic Problems

Concept Overview: Mobility, Sensory Perception, and Cognition

**Unit X: Problems of Cognition, Mobility, and Sensory Perception:
Management of Patients with Problems of the Nervous System**

- 41. Assessment of the Nervous System
- 42. Care of Patients with Problems of the Central Nervous System: The Brain
- 43. Care of Patients with Problems of the Central Nervous System: The Spinal Cord
- 44. Care of Patients with Problems of the Peripheral Nervous System
- 45. Care of Critically Ill Patients with Neurologic Problems

**Unit XI: Problems of Sensation: Management of Patients with Problems
of the Sensory System**

- 46. Assessment of the Eye and Vision
- 47. Care of Patients with Eye and Vision Problems
- 48. Assessment and Care of Patients with Ear and Hearing Problems

**Unit XII: Problems of Mobility: Management of Patients with Problems of
the Musculoskeletal System**

- 49. Assessment of the Musculoskeletal System
- 50. Care of Patients with Musculoskeletal Problems
- 51. Care of Patients with Musculoskeletal Trauma

Concept Overview: Nutrition, Metabolism, and Bowel Elimination

**Unit XIII: Problems of Digestion, Nutrition, and Elimination:
Management of Patients with Problems of the Gastrointestinal System**

- 52. Assessment of the Gastrointestinal System
- 53. Care of Patients with Oral Cavity Problems
- 54. Care of Patients with Esophageal Problems
- 55. Care of Patients with Stomach Disorders
- 56. Care of Patients with Noninflammatory Intestinal Disorders
- 57. Care of Patients with Inflammatory Intestinal Disorders
- 58. Care of Patients with Liver Problems

- 59. Care of Patients with Problems of the Biliary System and Pancreas
- 60. Care of Patients with Malnutrition: Undernutrition and Obesity

Unit XIV: Problems of Regulation and Metabolism: Management of Patients with Problems of the Endocrine System

- 61. Assessment of the Endocrine System
- 62. Care of Patients with Pituitary and Adrenal Gland Problems
- 63. Care of Patients with Problems of the Thyroid and Parathyroid Glands
- 64. Care of Patients with Diabetes Mellitus

Concept Overview: Urinary Elimination

Unit XV: Problems of Excretion: Management of Patients with Problems of the Renal/Urinary System

- 65. Assessment of the Renal/Urinary System
- 66. Care of Patients with Urinary Problems
- 67. Care of Patients with Kidney Disorders
- 68. Care of Patients with Acute Kidney Injury and Chronic Kidney Disease

Concept Overview: Sexuality

Unit XVI: Problems of Reproduction: Management of Patients with Problems of the Reproductive System

- 69. Assessment of the Reproductive System
- 70. Care of Patients with Breast Disorders
- 71. Care of Patients with Gynecologic Problems
- 72. Care of Patients with Male Reproductive Problems
- 73. Care of Transgender Patients
- 74. Care of Patients with Sexually Transmitted Disease

Glossary