

I. DECISION MAKING IN EMERGENCY MEDICINE

- 1. Decision Making in Emergency Medicine*
- 2. Management of Cardiac Arrest and Principles of Resuscitation*
- 3. Airway Management*
- 4. Shock*
- 5. Emergency Ultrasound*
- 6. Geriatric Emergency Medicine*
- 7. Palliative Care and Advance Directives*
- 8. How to Critically Review Emergency Medicine Literature*
- 9. Evidence-Based Rational Use of Diagnostic Imaging*
- 10. Emtala, The Joint Commission, and HIPPA*
- 11. Emergency Medicine Observation Medicine*
- 12. Performance Evaluation and Improvement in Emergency Medicine*

II. PRIMARY COMPLAINTS

- 13. Altered Mental Status and Coma*
- 14. Fever*
- 15. Chest Pain*
- 16. Abdominal Pain, Nausea and Vomiting*
- 17. Headache*
- 18.. Syncope, Vertigo and Dizziness*
- 19. Seizures*
- 20. Anaphylaxis*
- 21. Low Back Pain*

III. NONTRAUMATIC ILLNESS

22. Nontraumatic Ocular Emergencies

23. Nontraumatic ENT Emergencies

24. Dental and Oral Surgical Emergencies

IV. CENTRAL NERVOUS SYSTEM

25. Transient Ischemic Attack and Cerebrovascular Accident

26. Meningitis

V. RESPIRATORY SYSTEM

27. Breathing and Ventilation

28. Asthma, Chronic Obstructive Pulmonary Disease, and Pneumonia

29. Venous Thromboembolism

VI. CARDIOVASCULAR SYSTEM

30. Congestive Heart Failure and Acute Pulmonary Edema

31. Ischemic Heart Disease

32. Cardiac Dysrhythmias, Pacemakers and Implantable Defibrillators

33. Hypertension, Hypertensive Crisis, Aortic Dissection and Aortic Aneurysms

34. Pericarditis and Myocarditis

VII. GASTROINTESTINAL TRACT

35. Esophagus and Stomach Disorders

36. Bowel Disorders

37. Liver and Biliary Tract Disease

VIII. GENITOURINARY TRACT

38. Renal Colic and Scrotal Pain

39. Acute Urinary Retention

40. Urinary Tract Infection: Cystitis, Pyelonephritis and Prostatitis

41. *Chronic Kidney Disease and Dialysis*

IX. HEMATOLOGY/ONCOLOGY

42. *Hemostasis and Coagulopathies*

43. *Sickle Cell Disease*

44. *Oncologic Emergencies*

X. METABOLISM AND ENDOCRINOLOGY

43. *Fluids and Electrolytes*

44. *Acid-Base Disorders*

45. *Diabetes Mellitus*

46. *Thyroid and Adrenal Disorders*

XI. INFECTIOUS DISEASE

49. *Sepsis Syndromes and Toxic Shock*

50. *Soft-Tissue Infections*

51. *Sexually Transmitted Diseases and HIV Infection*

52. *Tetanus, Botulism, and Food Poisoning*

53. *Travel Medicine and Vector-Borne Diseases*

54. *Arthritis*

55. *Skin Diseases*

XII. ENVIRONMENTAL EMERGENCIES

56. *Lightning and Electrical Injuries*

57. *Drowning*

58. *Hypothermia and Frostbite*

59. *Heat Illness*

60. *Altitude Illness and Dysbarisms*

XIII. NEONATAL AND CHILDHOOD DISORDERS

- 61. *Evaluation of Fever in Children Younger Than Age Three*
- 62. *Seizures in Infancy and Childhood*
- 63. *Acute Respiratory Disorders in Children*
- 64. *Pediatric Gastrointestinal Disorders and Dehydration*
- 65. *Pediatric Infectious Diseases*
- 66. *Emergency Department Evaluation of Child Abuse*
- 67. *Procedural Sedation and Analgesia of the Pediatric Patient*
- 68. *Pediatric and Neonatal Resuscitation*

XIV. TOXICOLOGIC EMERGENCIES

- 69. *General Approach to Poisonings*
- 70. *The Alcohols: Ethanol, Ethylene Glycol, Methanol and Isopropyl Alcohol and Alcohol-Related Complications*
- 71. *Antipyretic Poisoning*
- 72. *Bites and Stings*
- 73. *Smoke Inhalation*
- 74. *Common Drugs of Abuse*
- 75. *Cardiovascular Toxicology*
- 76. *Pediatric Ingestions*

XV. GYNECOLOGY AND OBSTETRICS

- 77. *Pelvic Inflammatory Disease*
- 78. *Sexual Assault*
- 79. *Spontaneous Abortion, Ectopic Pregnancy, and Vaginal Bleeding*
- 80. *Third-Trimester Complications and Delivery*

XVI. TRAUMA

- 81. *Multiple Trauma*

- 82. *Maxillofacial Trauma*
- 83. *Cervical Spine and Spinal Cord Trauma*
- 84. *Head Trauma*
- 85. *Traumatic Ophthalmologic Emergencies*
- 86. *Neck Trauma*
- 87. *Chest Trauma*
- 88. *Abdominal Trauma*
- 89. *Pelvic Fractures and Genitourinary Trauma*
- 90. *Trauma in Pregnancy*
- 91. *Pediatric Trauma*
- 92. *Musculoskeletal Trauma and Hand Injuries*
- 93. *Burns*
- 94. *Wound Management*

XVII. BEHAVIORAL EMERGENCIES

- 95. *Acute Psychosis*
- 96. *Depression, Suicide and Posttraumatic Stress Disorder*
- 97. *Management of the Violent Patient*
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- 99. *EMS Medical Oversight*
- 100. *Disaster Management*
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