



**BOARD OF CERTIFICATION
FOR EMERGENCY NURSING™**
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Certified Emergency Nurse Detailed Content Outline

Total # ITEMS

1. Cardiovascular Emergencies	20
A. Acute coronary syndrome	
B. Aneurysm/dissection	
C. Cardiopulmonary arrest	
D. Dysrhythmias	
E. Endocarditis	
F. Heart failure	
G. Hypertension	
H. Pericardial tamponade	
I. Pericarditis	
J. Peripheral vascular disease (e.g., arterial, venous)	
K. Thromboembolic disease (e.g., deep vein thrombosis [DVT])	
L. Trauma	
M. Shock (cardiogenic and obstructive)	
2. Respiratory Emergencies	16
A. Aspiration	
B. Asthma	
C. Chronic obstructive pulmonary disease (COPD)	
D. Infections	
E. Inhalation injuries	
F. Obstruction	
G. Pleural effusion	
H. Pneumothorax	
I. Pulmonary edema, noncardiac	
J. Pulmonary embolus	
K. Respiratory distress syndrome	
L. Trauma	
3. Neurological Emergencies	16
A. Alzheimer's disease/dementia	
B. Chronic neurological disorders (e.g., multiple sclerosis, myasthenia gravis)	
C. Guillain-Barré syndrome	
D. Headache (e.g., temporal arteritis, migraine)	
E. Increased intracranial pressure (ICP)	
F. Meningitis	
G. Seizure disorders	
H. Shunt dysfunctions	
I. Spinal cord injuries, including neurogenic shock	
J. Stroke (ischemic or hemorrhagic)	
K. Transient ischemic attack (TIA)	
L. Trauma	



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4. Gastrointestinal, Genitourinary, Gynecology, and Obstetrical Emergencies	21
A. Gastrointestinal	
1. Acute abdomen (e.g., peritonitis, appendicitis)	
2. Bleeding	
3. Cholecystitis	
4. Cirrhosis	
5. Diverticulitis	
6. Esophageal varices	
7. Esophagitis	
8. Foreign bodies	
9. Gastritis	
10. Gastroenteritis	
11. Hepatitis	
12. Hernia	
13. Inflammatory bowel disease	
14. Intussusception	
15. Obstructions	
16. Pancreatitis	
17. Trauma	
18. Ulcers	
B. Genitourinary	
1. Foreign bodies	
2. Infection (e.g., urinary tract infection, pyelonephritis, epididymitis, orchitis, STDs)	
3. Priapism	
4. Renal calculi	
5. Testicular torsion	
6. Trauma	
7. Urinary retention	
C. Gynecology	
1. Bleeding/dysfunction (vaginal)	
2. Foreign bodies	
3. Hemorrhage	
4. Infection (e.g., discharge, pelvic inflammatory disease, STDs)	
5. Ovarian cyst	
6. Sexual assault/battery	
7. Trauma	
D. Obstetrical	
1. Abruptio placenta	
2. Ectopic pregnancy	
3. Emergent delivery	
4. Hemorrhage (e.g., postpartum bleeding)	
5. Hyperemesis gravidarum	



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6. Neonatal resuscitation	
7. Placenta previa	
8. Postpartum infection	
9. Preeclampsia, eclampsia, HELLP syndrome	
10. Preterm labor	
11. Threatened/spontaneous abortion	
12. Trauma	
5. Psychosocial and Medical Emergencies	25
A. Psychosocial	
1. Abuse and neglect	
2. Aggressive/violent behavior	
3. Anxiety/panic	
4. Bipolar disorder	
5. Depression	
6. Homicidal ideation	
7. Psychosis	
8. Situational crisis (e.g., job loss, relationship issues, unexpected death)	
9. Suicidal ideation	
B. Medical	
1. Allergic reactions and anaphylaxis	
2. Blood dyscrasias	
a. Hemophilia	
b. Other coagulopathies (e.g., anticoagulant medications, thrombocytopenia)	
c. Leukemia	
d. Sickle cell crisis	
3. Disseminated intravascular coagulation (DIC)	
4. Electrolyte/fluid imbalance	
5. Endocrine conditions:	
a. Adrenal	
b. Glucose related conditions	
c. Thyroid	
6. Fever	
7. Immunocompromise (e.g., HIV/AIDS, patients receiving chemotherapy)	
8. Renal failure	
9. Sepsis and septic shock	



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6. Maxillofacial, Ocular, Orthopedic and Wound Emergencies	21
A. Maxillofacial	
1. Abscess (i.e., peritonsillar)	
2. Dental conditions	
3. Epistaxis	
4. Facial nerve disorders (e.g., Bell's palsy, trigeminal neuralgia)	
5. Foreign bodies	
6. Infections (e.g., Ludwig's angina, otitis, sinusitis, mastoiditis)	
7. Acute vestibular dysfunction (e.g., labyrinthitis, Ménière's disease)	
8. Ruptured tympanic membrane	
9. Temporomandibular joint (TMJ) dislocation	
10. Trauma	
B. Ocular	
1. Abrasions	
2. Burns	
3. Foreign bodies	
4. Glaucoma	
5. Infections (e.g., conjunctivitis, iritis)	
6. Retinal artery occlusion	
7. Retinal detachment	
8. Trauma (e.g., hyphema, laceration, globe rupture)	
9. Ulcerations/keratitis	
C. Orthopedic	
1. Amputation	
2. Compartment syndrome	
3. Contusions	
4. Costochondritis	
5. Foreign bodies	
6. Fractures/dislocations	
7. Inflammatory conditions	
8. Joint effusion	
9. Low back pain	
10. Osteomyelitis	
11. Strains/sprains	
12. Trauma (e.g., Achilles tendon rupture, blast injuries)	
D. Wound	
1. Abrasions	
2. Avulsions	
3. Foreign bodies	
4. Infections	
5. Injection injuries (e.g., grease gun, paintgun)	
6. Lacerations	
7. Missile injuries (e.g., guns, nail guns)	



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8. Pressure ulcers	
9. Puncture wounds	
10. Trauma (i.e., including degloving injuries)	
7. Environment and Toxicology Emergencies, and Communicable Diseases	15
A. Environment	
1. Burns	
2. Chemical exposure (e.g., organophosphates, cleaning agents)	
3. Electrical injuries	
4. Envenomation emergencies (e.g., spiders, snakes, aquatic organisms)	
5. Food poisoning	
6. Parasite and fungal infestations (e.g., giardia, ringworm, scabies)	
7. Radiation exposure	
8. Submersion injury	
9. Temperature-related emergencies (e.g., heat, cold, and systemic)	
10. Vector borne illnesses:	
a. Rabies	
b. Tick-borne illness (e.g., Lyme disease, Rocky Mountain spotted fever)	
B. Toxicology	
1. Acids and alkalis	
2. Carbon monoxide	
3. Cyanide	
4. Drug interactions (including alternative therapies)	
5. Overdose and ingestions	
6. Substance abuse	
7. Withdrawal syndrome	
C. Communicable Diseases	
1. <i>C. Difficile</i>	
2. Childhood diseases (e.g., measles, mumps, pertussis, chicken pox, diphtheria)	
3. Herpes zoster	
4. Mononucleosis	
5. Multi-drug resistant organisms (e.g., MRSA, VRE)	
6. Tuberculosis	



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8. Professional Issues	16
A. Nurse	
1. Critical Incident Stress Management	
2. Ethical dilemmas	
3. Evidence-based practice	
4. Lifelong learning	
5. Research	
B. Patient	
1. Discharge planning	
2. End of life issues:	
a. Organ and tissue donation	
b. Advance directives	
c. Family presence	
d. Withholding, withdrawing, and palliative care	
3. Forensic evidence collection	
4. Pain management and procedural sedation	
5. Patient safety	
6. Patient satisfaction	
7. Transfer and stabilization	
8. Transitions of care	
a. external handoffs	
b. internal handoffs	
c. patient boarding	
d. shift reporting	
9. cultural considerations (e.g., interpretive services, privacy, decision making)	
C. System	
1. Delegation of tasks to assistive personnel	
2. Disaster management (i.e., preparedness, mitigation, response, and recovery)	
3. Federal regulations (e.g., HIPAA, EMTALA)	
4. Patient consent for treatment	
5. Performance improvement	
6. Risk management	
7. Symptom surveillance	
a. recognizing symptom clusters	
b. mandatory reporting of diseases	
D. Triage	
Total	150

NOTE: The 134 clinical items in categories 1 through 7 will be classified according to the nursing process as follows: 32 Assessment, 34 Analysis, 43 Intervention, and 25 Evaluation. The 16 professional issues items in category 8 will be classified by cognitive level: 3 Recall, 10 Application, and 3 Analysis. In addition to the 150 items used to compute candidates' scores, 25 unscored pretest items will be administered.