



**BOARD OF CERTIFICATION
FOR EMERGENCY NURSING™**
Excellence. Achievement. Impact.

**Certified Burn Registered Nurse (CBRN)
Examination Content Outline**

Total Items

1. Pathophysiology	15
A. Etiology of burn injury (e.g., thermal, electrical, chemical)	
B. Local response: Zones of injury	
C. Systemic response	
1. Burn shock	
2. Inflammatory response	
3. Systemic Inflammatory Response Syndrome (SIRS)	
4. Multiple Organ Dysfunction Syndrome (MODS)	
5. Metabolic response	
D. Physiology of wound healing: Phases of wound healing (e.g., all phases to include scar maturation)	
E. Inhalation injury	
1. Injury types (e.g., systemic poisons, upper airway, lower airway)	
2. Etiology	
2. Clinical Practice: Initial Management (<72 hours)	25
A. Prehospital care	
1. Primary and Secondary Assessment	
2. ABA transfer criteria	
B. Resuscitation management	
1. Burn size calculation (%TBSA)	
2. Resuscitation Formulas	
3. Fluid resuscitation and titration	
4. Patient response goals (e.g., urine output)	
5. Patient with inhalation injury	
C. Stabilization	
1. Hemodynamic stabilization	
2. Thermoregulation	
3. Oxygenation	
D. Secondary complications	
1. Over-and-under resuscitation	
2. Compartment syndromes	
3. Dysrhythmias	
4. Hemodynamic instability	
5. Acute Respiratory Distress Syndrome (ARDS)	




**BOARD OF CERTIFICATION
FOR EMERGENCY NURSING™**
Excellence. Achievement. Impact.

**Certified Burn Registered Nurse (CBRN)
Examination Content Outline**

Total Items

E. Mechanism of injury	
<ul style="list-style-type: none"> 1. Cutaneous <ul style="list-style-type: none"> a. Scald b. Chemical c. Electrical d. Thermal 2. Non-Cutaneous: Inhalation injury 3. Concomitant trauma 	
3. Clinical Practice: Acute Care	25
A. Systems assessment and management	
<ul style="list-style-type: none"> 1. Neurological 2. HEENT 3. Respiratory 4. Cardiovascular 5. Gastrointestinal 6. Genitourinary 7. Musculoskeletal 8. Integumentary 	
B. Infection control	
<ul style="list-style-type: none"> 1. Sepsis 2. Localized infection 3. Infection prevention 	
C. Nutrition management	
<ul style="list-style-type: none"> 1. Hypermetabolism 2. Role of dietician 3. Enteral nutrition 4. Parenteral nutrition 5. Supplements 6. Glycemic control 	
D. Rehabilitation	
<ul style="list-style-type: none"> 1. Role of burn therapist (e.g., PT, OT child life and speech) 2. Scar and contracture prevention 	
4. Clinical Practice: Assessment, Treatment, and Evaluation of Pain Agitation Delirium (PAD)	15
A. Pain	
<ul style="list-style-type: none"> 1. Acute 2. Chronic 3. Neuropathic 	

 <p style="text-align: center;">BOARD OF CERTIFICATION FOR EMERGENCY NURSING™ Excellence. Achievement. Impact.</p> <p style="text-align: center;">Certified Burn Registered Nurse (CBRN) Examination Content Outline</p>	Total Items
<ul style="list-style-type: none"> B. Agitation and Anxiety C. Delirium D. Pruritis 	
<ul style="list-style-type: none"> 1. Acute 2. Chronic 	
5. Clinical Practice: Wound Management	22
<ul style="list-style-type: none"> A. Wound depth assessment (e.g., partial vs full thickness) 	
<ul style="list-style-type: none"> B. Care of the burn wound <ul style="list-style-type: none"> 1. Prevention of infections 2. Local wound care 3. Debridement (e.g., mechanical and chemical) 4. Patient education (e.g., expected healing time) 	
<ul style="list-style-type: none"> C. Non-surgical approaches 	
<ul style="list-style-type: none"> 1. Topicals (e.g., ointments, creams, solutions) 2. Dressings (e.g., non-adherent, silver, negative pressure) 	
<ul style="list-style-type: none"> D. Surgical approaches 	
<ul style="list-style-type: none"> 1. Excision techniques (e.g., depth of excision) 2. Use of allograft 3. Use of xenograft 4. Use of autograft (e.g., FTSG vs STSG) <ul style="list-style-type: none"> a. Autologous skin cell suspension (ASCS) b. Cultured epidermal autografts (CEA) 5. Nursing considerations of the surgical patient <ul style="list-style-type: none"> a. Pre-operative b. Operative c. Post-operative (e.g., management of donor site, surgical site) 	
<ul style="list-style-type: none"> E. Skin/Dermal substitutes 	
<ul style="list-style-type: none"> 1. Biodegradable temporizing matrix (e.g., Integra®, NovoSorb® BTM) 	
<ul style="list-style-type: none"> F. Contracture/scar prevention 	
<ul style="list-style-type: none"> 1. Positioning 2. Range of motion 3. Orthotic management 4. Scar massage 	




**BOARD OF CERTIFICATION
FOR EMERGENCY NURSING™**
Excellence. Achievement. Impact.

**Certified Burn Registered Nurse (CBRN)
Examination Content Outline**

Total Items

6. Psychosocial Support and Patient Advocacy		10
A.	Associated psychological diagnoses (e.g., Acute Stress Disorder, depression, PTSD)	
B.	Other social emotional considerations (e.g., body image, intimacy)	
C.	Community reintegration	
	<ol style="list-style-type: none"> 1. School 2. Work/productivity 3. Support resources 4. Peer to peer support 5. Burn camp 	
7. Ambulatory and Reconstruction		10
A.	Scar Management	
	<ol style="list-style-type: none"> 1. Types of scar (e.g., hypertrophic scarring, keloid) 2. Non-surgical management (e.g., garments, massage) 3. Surgical management (e.g. laser therapy, tissue rearrangement) 	
B.	Patient and family education	
	<ol style="list-style-type: none"> 1. Transition from inpatient to outpatient 2. Discharge teaching (e.g., hospital or ambulatory) <ol style="list-style-type: none"> a. Home management of chronic conditions and new onset disability b. Home wound management c. Home therapeutics (e.g., sun protection, moisturizer) d. Management of sequela e. Medication management 	
8. Special Populations		18
A.	Pediatrics	
	<ol style="list-style-type: none"> 1. Developmentally appropriate care 2. Physiological differences (e.g., airway) 3. Pediatric specific injuries 4. Functional impact of scarring 	
B.	Older Adults	
	<ol style="list-style-type: none"> 1. Physiological differences 2. Impact of comorbidities 	
C.	Pregnant patients	
D.	Non-burn skin conditions	
	<ol style="list-style-type: none"> 1. Friction 2. Frostbite 	

 BOARD OF CERTIFICATION FOR EMERGENCY NURSING™ Excellence. Achievement. Impact.	Total Items
3. Necrotizing Fasciitis 4. Toxic Epidermal Necrolysis (TENS) / Stevens-Johnson Syndrome (SJS) / Necrotizing Soft Tissue Infections (NSTI)	
E. Non-Accidental trauma	
1. Child Protective Services (CPS)/Adult Protective Services (APS) referrals 2. Patterns of injury 3. Risk factors	
F. Substance use disorders	
9. Professional Practice	10
A. Ethics	
1. End of life (e.g., palliative and hospice) 2. Goals of care 3. Spiritual considerations 4. Decisional capacity 5. Cultural considerations for treatment	
B. Quality Improvement and Process Improvement (QI/PI)	
C. Interprofessional/Multidisciplinary collaboration (e.g., social worker, case manager, child life, psychologist)	
D. Diversity, equity, and inclusion	
E. Self-care and resiliency	
F. Intraprofessional nursing collaboration and education	
G. Community outreach education: Home safety (e.g., hot water heater, carbon monoxide)	
H. Disaster management	
1. Mass casualty incidents 2. Bed surge capacity 3. Triage criteria	
Total	150

* Each examination form will include 25 unscored pretest items in addition to the 150 scored items. The total number of items on the exam is 175 with a time of 180 minutes (3 hours) to complete the exam.