

**Certification in Pediatric Emergency Nursing
Review Course
Agenda**

Each day will include 1 hour for lunch as well as a morning and afternoon break.
The order of lectures presented may vary according to speaker preference.

Day 1, 8:00am – 5:00pm

Triage

- Sick, Sicker, Sickest concepts
- Pediatric Assessment Triage
- Triage Acuity Levels
- Triage Interventions
- Medication Administration
- Principles of Decon in Pediatrics

Alphabet Soup

- Primary and Secondary Assessments
- History Taking/CIAMPEDS
- Prioritizing Care
- Growth and Development
- Developmental Considerations of the Special Needs Child
- Pain Assessment and Management in Children
- Procedural Sedation
- Assessment and Care of the Family

You Take My Breath Away

- Technical Skills related to Airway and Ventilatory Management (e.g. oral airway insertion; rapid sequence intubation)
- Respiratory Mechanical Emergencies (e.g., foreign body obstruction, pneumothorax/hemothorax)
- Respiratory Diseases (e.g., asthma, croup, bronchiolitis, pneumonia)
- Respiratory Congenital Disorders (e.g., tracheal malacia, subglottic stenosis)

My Child is Burnin' Up

- Technical Skills (e.g., dressings, I&D)
- Fever Management
- Hematologic/Oncologic Emergencies
- Endocrine Emergencies
- Dermatologic Emergencies
- Communicable Diseases (e.g., measles, mumps)

Neonates in a Nutshell

- Technical Skills (e.g. infant warmer, meconium suctioning)
- Thermoregulation
- Neonatal Sepsis
- Newborn Resuscitation
- Congenital Anomalies (e.g. PDA,

Who Ate My Skittles?

- Review of common Toxicologic Emergencies
- Toxicologic treatment modalities
- Heat and Cold related emergencies
- Burns
- Bites and Stings
- Submersion/Near-drowning

This is NOT My Child

- Assess psychosocial status & risk for violence
- Suicidal Ideations / attempt
- Homicidal ideations / attempt
- Acute psychosis
- Aggressive behavior
- Substance abuse
- Post-traumatic stress disorder

“He Just Fell Off the Couch”

- Define suspected abuse, neglect and maltreatment
- Identify suspected abuse, neglect and maltreatment
- Pattern injuries
- Shaken impact syndrome
- Munchausen by proxy
- Emotional abuse
- Sexual abuse, assault

Day 2, 8:00am-4:30pm

My Achy Breaky Heart

- Technical skills
 - Venous Access & Fluid resuscitation
 - Peripheral access
 - IO access
 - Central lines
 - Invasive Hemodynamic Monitoring
 - Arterial lines
 - CVP
 - Defibrillation
 - Cardioversion
 - Pacing
- Medical / Surgical / Traumatic emergencies
 - Cardiac Tamponade
 - Shock
 - Rhythm disturbances: SVT, Brady, Tachy, V-fib, V-tach, PEA, Asystole, HB
 - CHF
 - Infections: Peri/Endocarditis, Rheumatic Heart Disease
 - Kawasaki Disease
 - Heart defects: Coarctation, TET, Stenosis

My Noggin’

- Technical Skills
 - ICP assessment (Cushings Triad) & monitoring
 - Spinal tap
- Medical / Surgical / Traumatic emergencies
 - Shunt malfunction
 - Tumors
 - Herniation
 - Seizures: types with presentations
 - Infection: meningitis, encephalitis
 - Reyes syndrome
 - Stroke
 - Headache
 - Head trauma: fractures, bleeds

- Hydrocephalus
- AV malformations

You Put What.....Where?

- Technical Skills
 - Flushing: Eyes, Ears
- Medical / Surgical / Traumatic Emergencies
 - Foreign bodies
 - Hyphema
 - Ludwigs Angina
 - Facial & dental trauma: tooth avulsion

Mommy, My Tummy Hurts

- Technical Skills
 - tubes: NG, OG, PEG
- Medical / Surgical / Traumatic emergencies Emergencies
 - Obstruction
 - Intussuception
 - Volvulus
 - Hernia – incarcerated
 - Pyloric Stenosis
 - Hirschsprungs
 - Abdominal trauma: splenic injury, liver injury
 - Appendicitis
 - Necrotizing enterocolitis
 - Gastroenteritis
 - Dehydration
 - Fluid & electrolyte imbalance
 - Congenital
 - TE fistula
 - Nutrition
 - FTT
 - Formula intolerance
 - Obesity

It Hurts When I Tinkle

- Technical Skills
 - Urinary catheterization
- Medical / Surgical / Traumatic Emergencies
 - Stricture
 - Ovarian cyst
 - Testicular torsion
 - Ectopic pregnancy
 - Straddle injury (male & female)
 - UTI
 - Nephrotic syndrome
 - Renal failure
 - STD
 - Vaginal Bleeding
 - Urethral valve disease

Sticks and Stones may Break My Bones

- Technical Skills
- Traction
- Splinting
- Fractures
- Lacerations
- Dislocations (nursemaids elbow, hip dislocations)

- Sprains & Strains
- Slipped capital femoral epiphysis
- Compartment syndrome
- Septic joint

Tricks of Trauma

- Spinal Immobilization
- Removal from child safety seat
- Mechanism of injury (Waddle Triad) & Multi-system trauma
- Dx test specific to various types of injury

Just the Facts

- Patient identification
- Specimen Collection
- Informed consent / assent
- Forensic evidence collection, chain of custody
- EMTALA
- CISD
- Conflict resolution with family
- Injury prevention: promote patient safety, health & wellness in community