Course Curriculum

Abdomen/GI
Abdominal emergencies overview
Acute gastroenteritis
Appendicitis
Bilious vomiting
Constipation
Extra-abdominal causes of abdominal pain
Hirschsprung
Intussusception
Meckel's diverticulum
Necrotizing enterocolitis
Neonatal jaundice
Omphalitis
Pyloric stenosis

Cardiovascular
Acquired heart disease
Arrhythmias
Congenital heart disease
Pediatric chest pain and ECG
Pediatric ECG basics
Pediatric venous thromboembolism

Dermatology
Common Pediatric Rashes
Wound Care In Children
**Endocrine Metabolic Nutrition**
- Congenital adrenal hyperplasia
- Dehydration
- Diabetic ketoacidosis
- Electrolyte emergencies
- Inborn errors of metabolism
- Metabolic emergencies

**The Genitourinary and Renal Systems**
- Female GU emergencies
- Other GU emergencies
- Penile emergencies
- Testicular emergencies

**Hematologic Oncology**
- Anemia
- Oncologic emergencies
- Sickle cell crises

**Immunologic**
- Henoch Schonlein purpura
- Kawasaki Disease
**Infectious Diseases**

- Fever management
- Fever myths, truths, and approach
- Influenza
- Measles
- Meningitis and meningococcemia
- Necrotizing fasciitis
- Neonatal fever
- Otitis media
- Pneumonia
- Roseola
- Sepsis
- Strep pharyngitis
- The red butt
- The red eye
- Urinary tract infections

**Musculoskeletal**

- Orthopedic Injuries Part 1: Triplane injuries, Supracondylar fractures, and Radial head subluxations
- Orthopedic Injuries Part 2: Forearm and elbow injuries, Ossification centers
- Orthopedic Injuries Part 3: SCFE, Legg-Calve-Perthe, Toddler’s fractures
- Orthopedic Injuries Part 4: Osgood Schlatter and Sever’s disease
- Salter Harris
The Nervous System

Acute cerebellar ataxia
Acute disseminated encephalomyelitis
Altered mental status approach
Febrile Seizure
First-time seizure
Headache
Must know CNS emergencies
Neonatal seizures
Neurologic emergencies summary
Status epilepticus algorithm
Status epilepticus etiologies
Stroke
Transverse myelitis
Unusual CNS Emergencies Summary

Pain and Procedural Sedation

Analgesic devices
Analgesic medications
Procedural sedation
Procedural sedation approach and techniques

Psychiatry

Pediatric Psychiatric Emergencies
Special Topics

BRUE
Child Abuse - Cases
Child Abuse - Nonaccidental trauma
Child Abuse - Overview
CNS shunt complications
Foreign bodies - Acute asphyxia
Foreign bodies - Aural foreign bodies
Foreign bodies - Bronchoscopy
Foreign bodies - GI
Foreign bodies - Nasal
Gastrostomy tube complications
Inconsolable child - Chest and the crying infant
Inconsolable child - Colic
Inconsolable child - Extremities and the crying infant
Inconsolable child - GI and GU and the crying infant
Inconsolable child - Head and the crying infant
Inconsolable child - The crying infant algorithm
Inconsolable child - The crying infant overview
Pediatric chest and C-spine xray
Tracheostomy complications
Umbilical vein line

Thoracic Respiratory

Asthma exacerbation intubation and cardiac arrest
Asthma exacerbation medical management
Bag valve mask
Bronchiolitis
Croup
Jet ventilation and needle cricothyrotomy
Noninvasive positive pressure ventilation
Pediatric airway anatomy
Pediatric intubation and difficult airway algorithm
Toxicology
Amanita phalloides overdose
Beta blocker overdose
Calcium channel blocker overdose
Camphor overdose
Ethylene glycol overdose
Lomotil overdose
Pediatric toxicology overview
Pediatric toxicology summary
Salicylate overdose (methyl salicylate)
Sulfonylurea overdose
Theophylline overdose
Tricyclic antidepressant overdose

Trauma and Critical Care
Abdominal and orthopedic trauma
Burns
Cervical spine trauma
Chest trauma
Critically ill neonate summary
Head trauma
Neonatal emergencies overview
Neonatal resuscitation
Pediatric advanced life support
Pediatric trauma overview
Postpalatal trauma
Resuscitation principles
The blue baby