## Course Objective

**Skills Acquired:**
Common Pediatric Emergency Patient Case Presentations include but are not limited to:

<table>
<thead>
<tr>
<th>Category</th>
<th>Cases</th>
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</table>
| **Cardiovascular**              | Congenital heart disease  
Pericarditis/Myocarditis                                                  |
| **Pulmonary**                   | Chronic lung disease  
Asthma and RAD                                                           |
| **Gastrointestinal**            | IBD (Chrons, UC)                                                      |
| **Genitourinary/Gyne**          | Ovarian torsion  
Testicular torsion                                                      |
| **Orthopedic**                  | Fractures (Operative vs non-operative)                                |
| **Endocrine**                   | DKA  
Hypoglycemia  
Adrenal crises                                                          |
| **Neurology**                   | Seizures  
VPS                                                               |
| **Environmental/Toxicology**    | Ingestions  
Bites and stings  
Exposures (heat and cold)  
Burns                                                                       |
| **Trauma**                      | Level I vs II  
FAST  
Shock  
Closed head injury  
Blunt vs Penetrating trauma  
Drownings                                                                   |
| **Infectious Diseases**         | Fever due to varying etiologies, bacterial vs viral  
Sepsis                                                                   |
| **Genetic**                     | IEM  
Metabolic syndromes                                                    |
| **Adolescent Medicine/Behavioral** | Sexual assault  
Dysfunctional uterine bleeding                                           |
| **Psychiatry**                  | Behavioral  
Suicide                                                   |
| **Pediatric Surgical Issues**   | Acute appendicitis  
Malrotation  
Intussusception  
G-tubes and complications                                                |
| **Procedures (observation and performing)** | Laceration repair  
I&D  
Burn debridement  
Sedation  
Joint aspiration  
Fracture reduction  
Splinting                                                                      |
## EMER 4007: PEDIATRIC EMERGENCY MEDICINE

<table>
<thead>
<tr>
<th>Procedures observation and performing (continued)</th>
<th>Foreign Body Removal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Venipuncture</td>
</tr>
<tr>
<td></td>
<td>Lumbar puncture</td>
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<tr>
<td></td>
<td>IV placement</td>
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### Activities Of Elective

#### Number Of New Patients/Student/Week:
Depends on patients and work flow in the emergency department, to be decided by the attending or fellow on shift. Goal 6 per shift.

#### Responsibilities Of Student For Assigned Patients:

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<table>
<thead>
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<tbody>
<tr>
<td>Does history/physical:</td>
<td>Yes</td>
</tr>
<tr>
<td>Who critiques:</td>
<td>Faculty and house staff</td>
</tr>
<tr>
<td>Follows patients, with appropriate notes as needed:</td>
<td>Faculty and house staff</td>
</tr>
<tr>
<td>Who supervises:</td>
<td>Faculty and house staff</td>
</tr>
<tr>
<td>Does student see ambulatory patients:</td>
<td>No</td>
</tr>
</tbody>
</table>

| Performs or observes procedures: | Yes. |

### Scheduled Duties Of Student:

#### Weekly schedule of required teaching sessions:
Every Wednesday 9am-12pm.
Monthly Small Group with pediatric residents, first Wednesday of the month 5:00-6:30pm.
Select Thursday EM lectures (QA conference, US conference, etc.).

#### Description of Optional Rounds & Activities:

EM conference Thursdays 7am-12pm.

### Other Required Activities:

| Reading/review of current literature: | No |
| Writing or Presenting a paper:       | Yes |

#### Evaluation:

1) PEM procedures and case log:
   a. Students will be signed off of procedures/cases supervised by fellow or attending on shift.
   b. Will be submitted at the end of the rotation to satisfy requirements.
2) Conference attendance:
   a. Attendance recorded for core weekly lectures, and pertinent resident/fellow lectures.
   b. Will be submitted after completion.
   c. Attendance to both, one-hour didactic sessions offered.
3) PEM Core Topics:
   a. Pre- and post-test will be completed at the beginning and end of the rotation.
4) Mini CPC Presentation:
   Presentation given to faculty and fellow students at the end of the rotation.

### How Is Student Evaluated:
Honors/High Pass/Pass/Below Pass/Fail based on completion of all evaluated areas.

### Unique Feature Of This Elective:
This elective will give students the unique opportunity to learn about and care for acutely ill children who present with a wide range of presentations. Additionally, this elective allows students to spend time dedicated to pediatric emergency medicine, including the process of diagnostics, management, and transition of care, as well as perform procedures under direct supervision.

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