### PEDS 9417 | Pediatric Critical Care Unit/PICU

<table>
<thead>
<tr>
<th><strong>Course Director</strong></th>
<th>Matthew Ledoux, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coordinator</strong></td>
<td>Amy Wingate</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Vidant CH 253</td>
</tr>
<tr>
<td><strong>Telephone</strong></td>
<td>744-5871</td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>744-5871</td>
</tr>
<tr>
<td><strong>Max Enrollment/Block</strong></td>
<td>2 students</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>4 weeks</td>
</tr>
<tr>
<td><strong>Meeting Place</strong></td>
<td>Pediatric ICU 2nd floor Children's Hospital</td>
</tr>
<tr>
<td><strong>Meeting Time</strong></td>
<td>7:00am PICU Resident Workroom</td>
</tr>
<tr>
<td><strong>Blocks Offered</strong></td>
<td>All 4 week blocks</td>
</tr>
</tbody>
</table>

#### Goals
To familiarize the student with recognition, stabilization, and treatment of the critically ill pediatric patient.

#### Objectives
The students will learn:
- To recognize a pediatric patient who requires treatment in an ICU environment
- To become familiar with the steps necessary to stabilize a critically ill pediatric patient until the patient can reach the ICU
- To become familiar with common diagnosis that require admission to the PICU and to be able to take a thorough history and perform a physical on a critically ill pediatric patient
- To observe and become familiar with basic procedures such as starting intravenous lines and performing arterial sticks
- To understand how to coordinate care among all providers in order to communicate the immediate and ultimate care plans to all of those involved.
- To become familiar with pediatric sedation and management of a pediatric airway

#### Activities/Student Experience
- Attendance and participation in work rounds, attending/teaching round, and conferences.
- Hands-on experience from direct patient management and care, as discussed with team members.
- Communication and collaboration as part of a team of intensive care providers.
- Reading of journal articles and textbooks relative to patients and their management.
- Supervision by senior residents.
- A schedule to maximize the learning experience: rounding on a daily basis with PICU team taking call approx. Q4 (not overnight) and observing and participating in sedation service as time permits

#### Evaluation
- Clinical skills
- Problem-solving skills
- Knowledge base
- Communication skills
- Case Write-Ups (History and Physicals and Daily Progress Notes)

#### Date Updated
1/18/12 - MRL