2018-2019 Catalog

Neonatology - Jacksonville

PED E 8J | 4th Year Elective | Pediatrics | Clinical Science

Course Description

Learning comprehensive management of normal and critically ill neonates by assuming primary responsibility for their care including, but not limited to, the history and physical examination, formulating differential diagnoses and management, writing orders, arranging consultation and follow-up care, discussing plan with parents and other staff members, and conducting quality improvement and safety practices.

Course Faculty and Staff

- Josef Cortez MD (Director)
- Chelsea Rountree (Course Staff)
- Dani Brown (Course Staff)
- Vanessa Martin (Course Staff)
- Frank J Genuardi MD, MPH (Other Faculty)

Meeting Place and Time

Pediatric Education office, 841 Prudential Drive, Suite 1130 - 11th floor, Aetna Building, Jacksonville 32207
8 a.m. - (Student will report to NICU, 6th floor Shands Jacksonville after checking in.)

Course Materials

Avery's Neonatology
Fanaroff and Martin- Diseases of the Fetus and Infant

Additional Information

Students will be assigned to the NICU at Shands/Jacksonville.
1 student per rotation with possibility of 2 students/rotation under special circumstances and with prior approval.
<table>
<thead>
<tr>
<th>Period</th>
<th>Length</th>
<th>Credits</th>
<th>(Avail / Max) Slots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>4 Weeks (May 7 - Jun 2)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 2</td>
<td>4 Weeks (Jun 3 - Jun 30)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 3</td>
<td>4 Weeks (Jul 1 - Jul 28)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 4</td>
<td>4 Weeks (Jul 29 - Aug 25)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 5</td>
<td>4 Weeks (Aug 26 - Sep 22)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 6</td>
<td>4 Weeks (Sep 23 - Oct 20)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 7</td>
<td>4 Weeks (Oct 21 - Nov 17)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 8</td>
<td>4 Weeks (Nov 18 - Dec 15)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 9</td>
<td>4 Weeks (Jan 1 - Jan 26)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 10</td>
<td>4 Weeks (Jan 27 - Feb 23)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 11</td>
<td>4 Weeks (Feb 24 - Mar 23)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
<tr>
<td>Period 12</td>
<td>4 Weeks (Mar 24 - Apr 20)</td>
<td>4</td>
<td>(1 / 1)</td>
</tr>
</tbody>
</table>
Period 13  

**Length**: 4 Weeks  
**(Apr 21 - May 17)**  

**Credits**: 4  
**(Avail / Max) Slots**: (1 / 1)

---

**Evaluated Competencies**

**#1 Professionalism**

**Educational Objectives**: Student will demonstrate professional behavior in interactions with parents; medical team members; and other health care staff.

**Method of Evaluation**: Preceptor evaluation

**#2 Patient Care**

**Educational Objectives**: Student will be expected to demonstrate competency in obtaining medical history; accession of laboratory data; performance of physical examination; indications for and use of appropriate laboratory and other studies; interpretation of data; development of probable or differential diagnoses; and formulation of management plans and preparation of admitting notes; progress notes; and discharge summaries.

**Method of Evaluation**: Preceptor observation

**#3 Medical Knowledge**

**Educational Objectives**: Medical knowledge will be expected at the general pediatric level for a senior student. Development of specialized knowledge in complications of neonatal disorders is expected with the purpose of developing a better understanding and ability to identify problems in the neonate that could indicate the need for referral to a neonatal center or specialist. A secondary expected benefit is the development of expanded competency in management of problems which are common to all pediatric age groups; i.e. fluid and electrolyte balance; nutrition evaluation and management; recognition and treatment of critical problems such as airway management; resuscitation; blood gas interpretation; shock; glucose stabilization; and critical care monitoring techniques.

**Method of Evaluation**: Preceptor observation

**#4 Practice-Based Learning**

**Educational Objectives**: Student will be expected to read and discuss reference literature pertinent to common medical problems of the premature infant and specific complications encountered with assigned patients on the rotation.

**Method of Evaluation**: Preceptor observation

**#5 Interpersonal and Communication Skills**
**Educational Objectives:** Student will be expected to communicate effectively with parents; medical team members; and other health care staff.

**Method of Evaluation:** Preceptor observation