

2020-2021 Catalog

Neonatology - Jacksonville

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

MDT 7400

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)
- [Dani Brown](#) (Course Staff)
- [Vanessa Martin](#) (Course Staff)
- [Dawn DeSantis](#) (Course Staff)
- [Frank J Genuardi MD, MPH](#) (Other Faculty)

Meeting Place and Time

7 a.m. - Student will report to NICU, 6th floor UF Health Jacksonville

Course Materials

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

Additional Information

Students will be assigned to the NICU at UF Health Jacksonville.

Classes Offered

Period	Length	Credits	(Avail / Max) Slots
Period 1	4 Weeks (May 11 - Jun 6)	4	(2 / 2)

Period	Length	Credits	(Avail / Max) Slots
Period 2	4 Weeks (Jun 7 - Jul 4)	4	(2 / 2)
Period 3	4 Weeks (Jul 5 - Aug 1)	4	(2 / 2)
Period 4	4 Weeks (Aug 2 - Aug 29)	4	(2 / 2)
Period 5	4 Weeks (Aug 30 - Sep 26)	4	(2 / 2)
Period 6	4 Weeks (Sep 27 - Oct 24)	4	(2 / 2)
Period 7	4 Weeks (Oct 25 - Nov 21)	4	(2 / 2)
Period 8	4 Weeks (Nov 22 - Dec 18)	4	(2 / 2)
Period 9	4 Weeks (Jan 4 - Jan 30)	4	(2 / 2)
Period 10	4 Weeks (Jan 31 - Feb 27)	4	(2 / 2)
Period 11	4 Weeks (Feb 28 - Mar 27)	4	(2 / 2)
Period 12	4 Weeks (Mar 28 - Apr 24)	4	(2 / 2)
Period 13	4 Weeks (Apr 25 - May 14)	4	(2 / 2)

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