

FOURTH YEAR ELECTIVE TITLE PEDIATRIC SURGERY		COURSE NUMBER SURG 9170	LOCATION ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
ELECTIVE DIRECTOR JOELLE PIERRE, MD	ELECTIVE FACULTY YI-HORNG LEE, MD JOELLE PIERRE, MD Shaheen Timmapuri, MD	ELECTIVE CONTACT Sharyce Toppin PEDIATRIC SURGERY MEB 504 NEW BRUNSWICK Gail Bellfield (4 th years only) MEB 523	CONTACT PHONE/FAX/EMAIL PH. 732-235-8351 PH. 732-235-6160 reedsn@rwjms.rutgers.edu gail.bellfield@rwjms.rutgers.edu
BLOCKS AVAILABLE	DURATION/WEEKS MIN 2; MAX 4	HOURS PER WEEK VARIABLE	STUDENTS MAX 1
LECTURES/SEMINARS	OUTPATIENT YES	INPATIENT YES	HOUSESTAFF YES
NIGHT CALL	WEEKENDS NO	LAB OPTIONAL	EXAM REQUIRED NO

Any 3rd-year student wishing to partake of this elective may request permission to do so by making that request to Ms. Joni Marano (maranoig@umdnj.edu, 732-235-6160). This written permission (Email is acceptable) must be presented to the Registrar's Office prior to the 3rd-year student registering for the elective.

OVERALL EDUCATIONAL GOAL OF ELECTIVE

The overall goals of the Pediatric Surgery elective for students are:

- Be the "first evaluator" of patient who presents to the Pediatric Surgical service for an elective or acute surgical problem
- Perform complete history and physical examinations on new Admissions to the Pediatric Surgery service
- Independently establish a differential diagnosis
- Write admitting and daily patient diagnostic and therapeutic orders, under the supervision of a resident, physician assistant and/or attending physician
- Evaluate patients on a daily basis on morning rounds, and serve as the principle care giver, under the direct supervision of a resident, physician assistant and attending physician
- Develop clinical and procedural skills necessary to the management of the Pediatric Surgery patient
- Develop skills required for interdisciplinary patient care

In addition, students will be expected to:

- Develop an understanding of the pre-and post-operative management issues particular to the pediatric patient
- Identify the common presenting surgical problems among: neonate, infants, children and adolescents

This elective is designed to give the student an opportunity to work closely with the attending Pediatric Surgeons and general surgery Residents, giving perioperative or non-operative care to pediatric patients who require surgery. A sub-intern experience will be given, enabling the student to better understand his/her responsibilities in the residency years. Literature review and preparation for conference will help improve students understanding of pediatric surgery.

OBJECTIVES

To provide a day-to-day experience and increased understanding of the management of Pediatric Surgery patients.

Patient Care

To learn a thorough history and physical exam and develop and execute patient care plans appropriate for a Pediatric Surgical patient. Students should pre-round on their patients, anticipate care needs, present patients on rounds and discuss patient progress or complications. They should be involved in all aspects of ongoing care for these patients.

Medical Knowledge

To identify common congenital problems necessitating surgical intervention, including inguinal and diaphragmatic hernias; abdominal wall defects; esophageal and T-E malformations; intestinal malrotations and atresias; as well as common inflammatory and neoplastic disorders of infancy and later childhood. The students should review their operating room cases preoperatively and know the relevant anatomy.

Practice-based Learning and Improvement

Investigation and evaluation of their own patient care. Recognize and apply evidence-based medicine and strive for improvements in patient care. One should critique personal practice outcomes and demonstrate recognition of the importance of lifelong learning in surgical practice.

Interpersonal and Communication Skills

Develop effective information exchange with patients, their families and other health care professionals. This includes counseling and educating patients and families and effectively documenting practice activities.

Professionalism

Maintaining high standards of ethical behavior and demonstrate sensitivity to age, gender, and culture of patients and other health care professionals.

System-based Practice

Understand how care for the pediatric surgical patient affects other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice.

BRIEF DESCRIPTION OF ACTIVITIES

This is a two- to four-week experience in which the student will have the opportunity, with supervision, to function as an intern on the Neurosurgery service and to participate in the pre-operative and post-operative care of the Neurosurgery Service patients. Students will function as a member of a team and will be expected to participate in daily morning and evening rounds (including weekends), office hours as scheduled operations for their service and call as assigned. Typical service schedules will be available on the first day of the rotation.

METHOD OF STUDENT EVALUATION

Faculty and Residents will assess student performance in the competency areas described above. No written tests are required.

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? Yes, Pediatric & Surgery Clerkships

IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL? Yes