



Basic Core Clinical Block II

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Goals:

- Provide core experiences in Neuroscience, Psychiatry, Pediatrics, and Obstetrics-Gynecology
- Facilitate clinical mastery of discipline-specific core topics and skills
- Provide broad inpatient and outpatient experiences in each of the four disciplines
- Provide basic science integration throughout the core experiences
- Prepare students for related, subsequent Advanced Clinical experiences

Overview:

Basic Core Block II at The Cleveland Clinic is a 16-week clerkship designed to integrate the disciplines of Neuroscience, Psychiatry, Pediatrics, and Obstetrics-Gynecology. The 16-week Block is comprised of:

- 1 day Introduction/start of clinical rotations on day 2 of block
- 8 weeks of Neuroscience and Psychiatry
 - 3 weeks of Consultation Liaison Psychiatry Service, 1 week inpatient psych at Lutheran Hospital
 - 2 weeks of inpatient, 1 week outpatient Neurology, 1 week NS
- 8 weeks of Pediatrics and Obstetrics-Gynecology
 - 4 weeks of Pediatrics
 - 4 weeks of Obstetrics/Gynecology
- Friday morning case-based didactic seminars- ½ day every week
- Call responsibility:
 - 2-3 short calls (no overnight) during Psychiatry
 - 3 short calls (no overnight) during inpatient Neurosciences
 - 5 short calls (no overnight) during inpatient Pediatrics
 - 3 Obstetrics 12-hour weekend calls
 - 2 Gynecology short calls (no overnight)

Sample Schedule

Weeks															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pediatrics (4 weeks)				OB/GYN (4 weeks)				Psychiatry Consultation Liaison (3 wks) In patient (1 week)				Neuroscience Inpatient And Outpatient (4 weeks)			

Patient-based Experiences:

Neurosciences:

The Neuroscience component of Block 2 consists of inpatient and outpatient experiences in both Neurology and Neurosurgery. Students rotate on a Neurology adult inpatient service for two weeks during which they are integral members of the neurology ward team, see and evaluate Emergency Department patients, and perform consultations on inpatients throughout the hospital. They are exposed to a broad range of neurological diseases including: epilepsy and status epilepticus, multiple sclerosis, stroke (hyper-acute management, hospital management), Guillain-Barre Syndrome (GBS), headache, tumors, and meningitis, among others. The one-week neurology outpatient experience consists of attending subspecialty neuroscience clinics where students have the opportunity to concentrate on specific diseases such as movement disorders, headache, pediatric neurology, cerebrovascular disease, sleep, epilepsy, multiple sclerosis, neuromuscular disease, and neuro-oncology.

Students will also spend one week focusing on neurosurgical issues and will engage in activities in the inpatient setting, neurosurgical outpatient clinics and operating rooms. The week is organized so that students will be able to follow patients seen in outpatient clinic into surgery.

Students will attend didactic learning sessions throughout the 4-week period. They will be required to do 3 short calls (until 10 PM) during the 4-week rotation; 2 short calls while on the inpatient service in Neurology and 1 short while on the Neurosurgery portion of the rotation. Student will also make rounds on 1 weekend day during their neurology inpatient experience.

Location: All neuroscience experiences will be conducted at the Cleveland Clinic Main Campus.

Psychiatry:

The Psychiatry component of the Block consists of inpatient consultation liaison service and evaluation of Emergency Department consultations to focus on anxiety, depression, delirium, Bipolar, depression, personality disorder, psychosis, and substance use. Students will spend one week on inpatient psychiatry at Lutheran Hospital. Students will also participate in intra-departmental case presentations and journal clubs. Students will also have optional immersion experiences in various departments.

Location: Cleveland Clinic Main Campus, Lutheran Hospital (inpatient psychiatry).

Pediatrics:

The Pediatrics component of the Block consists of inpatient general and subspecialty services to focus on dehydration/fluid management, diabetic ketoacidosis, bronchiolitis, asthma, cellulitis, croup, leukemia, renal failure, congestive heart disease, sickle cell anemia, and pediatric infections. The outpatient Pediatrics component will consist of preventive care and acutely ill clinics that will focus on well-child care, prevention, adolescent medicine, and acute common pediatric presentations. Each student will also spend 3 mornings in the neonatal nursery, learning neonatal history and exam skills, as well as common neonatal problems.

Students will spend 3 weeks on the inpatient pediatric services, and one week in newborn nursery/outpatient pediatrics. Additionally, each student will have a half-day/week longitudinal outpatient experience.

Location: All inpatient pediatric experiences will be conducted at the Cleveland Clinic Main Campus. Outpatient pediatric experiences will be conducted at the Cleveland Clinic Regional Medical Practice sites (e.g., Willoughby, Beachwood, Solon, Independence, etc.) or at the main campus. The neonatal nursery rotation will be conducted at Hillcrest Hospital.

Obstetrics/Gynecology

The Obstetrics component will be a 2 week block with the labor and delivery team at Hillcrest Hospital. Each student will spend one week on day-shift (7a-7p) functioning as part of the Obstetrics team. In addition, each student will spend one week on a night float rotation on Labor and Delivery (7p-9a). All students on the Obstetrics rotation will be expected to see at least 1-2 patients prior to Rounds at 8 am and be ready to present those patients at rounds. Both day and night float students will be expected to attend am rounds at 0800.

The Gynecology component of the block will consist of inpatient surgical and ward experiences. Each student will be assigned to either the benign Gynecology team or the Gynecological Oncology team. Each student will then spend the entire two week block with that assigned team. The students will participate in all team activities Monday through Thursday. Each student will be expected to take 2 “partial” calls (in house until 10 pm) during the 2 week Gynecology block. The students will not be expected to round with the team on weekends as they will be taking in house Obstetrics call on the weekends.

All students on the Obstetrics and Gynecology rotation, whether on the Obstetrics or the Gynecological portion of the rotation, will take in-house Obstetrics call at Hillcrest on the weekends. These will be 12 hour shifts between 7 pm Friday and 7 pm Sunday.

Each student will also participate in a longitudinal outpatient clinic, one ½ day each week during the 4 week block. The students will be excused from their inpatient responsibilities for this experience. Night float students will limit the shift before OR after at Midnight in order to attend this clinic. All students will attend didactics on Friday and will be excused from clinical activities on that day.

The rotation will focus on normal labor, pre-natal care (normal and high-risk), contraception, vaginal discharge, menopause, pelvic mass, reproductive options, pre/post op surgical care and women's health "presentations."

Location: All Gynecology experiences will be conducted at the Cleveland Clinic Main Campus. Obstetric outpatient experiences will be conducted at Cleveland Clinic Regional Medical Practice sites (e.g., Willoughby, Beachwood etc). Labor and delivery experiences will be conducted at Hillcrest Hospital.

Didactic Experiences:

An Introduction to Neurosciences and Psychiatry (focusing on Neuroanatomy and neuroimaging, neurology exam, and the mental status exam) and an Introduction to Pediatrics and Obstetrics and Gynecology (focusing on Maternal-fetal physiology and embryology, the pediatric physical exam, and pelvic exam) will be presented during weeks 1 and 8 for students starting the respective discipline. Case-based Seminars (both multidisciplinary and discipline specific) will be offered every Friday morning to supplement clinical experiences and to assure all students are exposed to the core contents and presentations. Integrated didactic sessions include:

- Maternal and Fetal Physiology/Embryology
- Pharmacology
- "Neurocircuitry"
- Depression in the Female Patient
- Peripartum/Postpartum/Neonatal/Peripartum Infections

Specific Didactics

Pediatrics: Congenital Heart Disease, Cough and Wheeze, Anemia, Newborn Issues, Immunizations, Growth and Nutrition, Development and Behavior in Pediatrics, Abdominal Issues, and Fever and Rash

Neurology: Epilepsy, Movement Disorders, Chronic Pain, Multiple Sclerosis, Headache

Psychiatry: Anxiety, Bi-Polar Disorder, Schizophrenia, Pediatric Psychiatry, Delirium and Dementia, and Chemical Dependency

OB/GYN: Amenorrhea, Infertility, Irregular Bleeding, STD's, Pelvic Anatomy and Pelvic Floor Disorders, Intrapartum/Postpartum Care, and Bleeding in Pregnancy