# 12 01 03

## TITLE
PEDIATRIC OPHTHALMOLOGY

The student will devote time to a variety of clinical and basic science ophthalmology endeavors. Most of the time will be spent seeing outpatients with pediatric ophthalmology faculty with some time spent seeing inpatient consultations and surgical cases. Approximately 10% of the time is spent in ophthalmology lectures and conferences. The student is encouraged, but not required, to choose a research topic to explore and present to Dr. Motley during the rotation. Independent study/research may be included in the rotation.

### DIRECTOR
W. Walker Motley, III, MD
William.Motley@cchmc.org

Building: CCHMC Bldg. E
Room: 4-510

### ADMINISTRATIVE SUPPORT PERSON
Michele Wyan
EMAIL: michele.wyan@uc.edu

### INSTRUCTOR
W. Walker Motley, III MD

### SITE
Cchmc

### REPORT 1ST DAY
CCHMC Eye Clinic Bldg. E, Rm 4-510 8:30 a.m.

### LENGTH
4 wks

### CREDITS
8

### MAX. ENROLL
1

### WORKING HOURS
8:30 - 5:30 p.m.

### INSTRUCTION
**TYPE/FORMAT**
- 24 hrs Outpatient/ambulatory care experience (one-to-one instruction)
- 10 hrs Inpatient consult experience (small group instruction)
- 6 hrs Lectures, conferences, seminars, grand rounds, etc.

### ROTATION

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OPHTHALMOLOGY

RESPONSIBILITIES

Work up and follow patients
Attendance of conferences, grand rounds, research seminars, lectures
Reading of literature and research
Structured journal club/critical reading of literature presentation; journal club attendance only
observe attending physician-patient encounters, practice exam techniques

PREREQUISITES

Must have completed Ophthalmology Specialty Clerkship and/or one of the following
Ophthalmology electives: 120101 Ophthalmology, 120106 General Ophthalmology OP, 120146
Neuro-Ophthalmology/Ocular Oncology OP

ORIENTATION

William Walker Motley, III, M.D.

TEACHING

70% Attending physician
20% Senior resident / fellow ( clinical )
10% Other faculty

FEEDBACK

Faculty

FINAL GRADE

50% Clinical work performance evaluations
50% Attitude, e.g., professionalism, motivation etc
GRADE ASSIGNED BY: Elective director

OBJECTIVES

Knowledge/Skills

1. Have an understanding and overview of the ophthalmology examination for children.
2. Learn general concepts in ophthalmology including an overview of diseases of the
   anterior visual pathways and cortical pathways.

Procedures

1. Measure visual acuity.
2. Perform confrontational visual fields.
3. Use a slit lamp.
4. Be proficient with a direct ophthalmoscope.
5. Examine pupils and ascertain whether an afferent pupillary defect exists.

Attitudes (include professional attitudes/behaviors)

1. Be able to present patient's history to preceptor.
2. Observe preceptor/fellow/resident during examination, ask questions after patient & family
   leave room.
3. Be courteous & empathetic with patient and family.

Main Course Topics (Provide list of key words for major concepts covered)

Strabismus
Retinopathy of prematurity
Amblyopia
Refractive Errors
Pediatric Neuro-Ophthalmic Disorders

Reading and/or Texts

General Ophthalmology - Pediatric Sections
Vaughan, D. and Asbury, T.A.

Other Resources - Computer resources

University of Cincinnati - College of Medicine
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OPHTHALMOLOGY

Intranet links to online journals.
Reference books in ophthalmology division.

Other Resources - Audiovisuals
Slides - collection in Pediatric Ophthalmology Conference Room in CHMC.
DVDs from faculty.

Other Resources - Other (include learning stations, X-ray and image files, viewboxes, EKG reading): None

Objectives
At the conclusion of the elective, the student should be able to:
1. Perform visual acuity and alignment assessment in a verbal child.
2. Use a direct ophthalmoscope to examine the posterior pole of a verbal child.

SAMPLE WEEK

Monday
7:30 am  8:30 am  Pediatric Ophthalmology Conference
8:30 am  12:00 pm  Outpatient Clinic at CCHMC
12:30 pm  5:00 pm  Inpatient Consults and/or Outpatient Clinic

Tuesday
8:30 am  12:00 pm  Outpatient Clinic at CCHMC
12:30 pm  5:00 pm  Inpatient Consults and/or Outpatient Clinic

Wednesday
6:30 am  7:30 am  Neuro-Ophthalmology Lecture
7:30 am  8:30 am  Grand Rounds
8:30 am  1:30 pm  Surgery at CCHMC
2:00 pm  5:00 pm  Ophthalmology Basic and Clinical Science Conferences

Thursday
8:30 am  12:00 pm  Outpatient Clinic at CCHMC
12:30 pm  5:00 pm  Inpatient Consults and/or Outpatient Clinic

Friday
8:30 am  12:00 pm  Outpatient Clinic
12:30 pm  5:00 pm  Inpatient Consults and/or Outpatient Clinic

Schedule Note