



Course Summary

The Pediatric Examination: Pearls, Techniques and Management

COPE #38245-PD

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Course Description

This course will address how to comprehensively examine a young child from taking acuity to examining ocular health, including aspects of oculomotor ability, refraction and binocularity. It will highlight normative data and what findings could indicate a child is at risk. The course will draw attention to current age guidelines for ophthalmic medications in the pediatric population.

Course Learning Objectives

1. Review important patient history elements that may clue the practitioner in to what they may find during their examination
2. Describe exam techniques that can aid in the assessment of a young child
3. State normative data for each of the exam elements
4. Identify findings that indicate a child may be at risk for amblyopia or a learning related visual dysfunction
5. Discuss current age guidelines and dosing for ophthalmic medications in young children

Course Outline

1. Important Patient History Elements
 - a. What brings you in today?
 - b. Birth History

- c. Developmental History
 - d. Predictors of motor, visual or developmental delays
 - e. Systemic Health History
 - f. Previous and/or Current Evaluations/Therapies
 - g. Family History
 - h. Academic/Educational History
 - i. COVD Quality of Life Survey
2. Exam Techniques for the Young Child
- a. Visual Acuity - techniques and norms
 - b. Pursuits and Saccades – techniques and norms
 - c. Color Vision
 - d. Visual Field
 - e. Cover Test and NPC
 - f. Binocularity – techniques and norms
 - i. Bruckner
 - ii. Hirschberg
 - iii. Stereopsis
 - iv. Phorias and Vergences
 - g. Refractive error – techniques and norms
 - h. Accommodation – techniques and norms
 - i. Ocular Health
 - i. Instruments for evaluation
 - ii. Guidelines for diagnostic drops in children
 - iii. Assessment of anterior and posterior segment for anomalies
3. What places a child at risk and how should I manage the patient who is at risk?
- a. Norms for Refractive Error
 - b. Amblyogenic Factors
 - c. Indications there may be a Learning Related Visual Dysfunction
4. Age Guidelines and Dosing for Ophthalmic Medications in the pediatric population
- a. Antibiotic ointments and drops

- b. Antifungal drops
- c. Topical NSAIDS
- d. Steroid/Antibiotic Combinations
- e. Steroid drops
- f. Topical Antivirals (safety in pediatric patients not established)
- g. Glaucoma