

## **CAP Assessment: Pediatrics/Binocular Vision/Vision Therapy**

The first half of the assessment is based on the information found in the following references.

Reference #1: Questions 1-9

Comprehensive Pediatric Eye and Vision Examination, AOA Evidence-Based Clinical Practice Guideline, 2017

<https://www.aoa.org/AOA/Documents/Practice%20Management/Clinical%20Guidelines/EBO%20Guidelines/Comprehensive%20Pediatric%20Eye%20and%20Vision%20Exam.pdf>

Note: While we encourage you to read the entire guideline, this assessment will focus on pages 10-39.

Reference #2: Questions 10-12

Bodack, M., Jenewein, E. New thinking on binocular vision problems. Review of Optometry, Jan 15, 2020.

<https://www.reviewofoptometry.com/article/binocular-vision-problems>

The second half of the assessment (Questions 13-25) is based on fundamental knowledge covering these topics related to Pediatrics/Binocular Vision/Vision Therapy.

- Treatment and management options for anisometropia
- Treatment and management options for refractive and non-refractive amblyopia
- Assessment, differential diagnosis, treatment and management for accommodative disorders (AI, AE, infacility, spasm)
- Assessment, differential diagnosis, treatment and management for binocular vision disorders (CI, CE, DI, DE, pseudo-CI)
- Assessment, differential diagnosis, treatment and management for oculo-motor anomalies (saccades, pursuits, nystagmus)
- Assessment for visual perception disorders (common tests and when to use)
- Non-surgical treatment and management of strabismus

Fundamental knowledge questions are based on information that hasn't changed in recent years. If you're familiar with these topics, you may not need a review. Listed below are some references if you wish to review prior to taking the assessment.

Textbooks: The most recent editions are listed here, but older editions are also suitable.

Scheiman, M, Wick, B. Clinical Management of Binocular Vision, 5<sup>th</sup> edition (2020)

Scheiman, M, Rouse, M, Optometric Management of Learning-Related Vision Problems, 2<sup>nd</sup> edition (2016)

Griffin, J, Grisham J, Binocular Anomalies: Diagnosis and Vision Therapy, 4<sup>th</sup> edition (2002)

### Online Resources

Care of the Patient with Accommodative and Vergence Dysfunction, AOA Clinical Practice Guidelines, revised 2010

<https://www.aoa.org/AOA/Documents/Practice%20Management/Clinical%20Guidelines/Consensus-based%20guidelines/Care%20of%20Patient%20with%20Accommodative%20and%20Vergence%20Dysfunction.pdf>

Care of the Patient with Learning Related Vision Problems, AOA Clinical Practice Guidelines, revised 2008

<https://www.aoa.org/AOA/Documents/Practice%20Management/Clinical%20Guidelines/Consensus-based%20guidelines/Care%20of%20Patient%20with%20Learning%20Related%20Vision%20Problems.pdf>