AAPOS Annual Meeting 2026 Learning Objectives

Overall Learning Objectives

Upon completion of this activity, participants will be able to:

- Describe recent medical advances in the diagnosis, management, and treatment of conditions encountered in the practice of pediatric ophthalmology and strabismus
- Apply/discuss improved techniques, compare/contrast methods, and review clinical research results and advances in the field to provide the best possible treatment options and outcomes for patients
- Describe aspects of professionalism that will assist in the practice of pediatric ophthalmology and strabismus
- Describe new techniques of diagnosis and surgery pertinent to pediatric ophthalmology and strabismus

Specific Learning Objectives

1. Cite most recent data from randomized controlled clinical trials in the diagnosis and management of amblyopia.
2. Describe new preoperative evaluation techniques and surgical strategies to improve outcomes in patients with comitant, non-paretic strabismus.
3. Compare new surgical techniques for complicated strabismus (restrictive, paretic, miswiring syndromes, scarring, incomitance, etc) to improve outcomes and decrease reoperation rates.
4. Outline up-to-date patient selection criteria to identify children undergoing cataract surgery who should receive intraocular lenses.
5. Recognize new treatment techniques for pediatric glaucoma, corneal disease, retinal disease, oculoplastic and orbital disease, and pediatric tumors and make appropriate sub-subspecialty referrals for such cases.
6. Describe new treatment strategies to decrease the incidence of significant visual loss from severe ROP.
7. Recognize pediatric ophthalmic disease of neurologic origin and describe the process for appropriate referrals to pediatric neurology.
8. Utilize the latest resources for discussion of visual development, epidemiology of pediatric eye disease, learning disabilities, and vision screening strategies with other physicians and members of the lay community.
9. Identify current coding rules and regulations for pediatric eye diseases.
10. Utilize strategies that improve pediatric ophthalmology practice financial performance as well as physician and employee interactions and morale.
11. Recognize current laboratory research with potential for translation to pediatric ophthalmology.
12. Describe the role of OCT imaging in the diagnosis and treatment of optic nerve, retinal and anterior segment diseases.
13. Utilize the latest resources for the treatment of refractive errors and prevention of myopia progression.
14. Recognize the use of AI and large language models to improve patient education and diagnosis and treatment of strabismus and pediatric ophthalmology diseases.
15. Describe the most recent research and treatments for pediatric inherited retinal diseases.
16. Identify the latest neuroimaging techniques to develop surgical planning for complex strabismus.
17. Describe access to care and inequity topics in pediatric ophthalmology.