I. Introduction (Drack)

1. Mission statement of the AAPOS Genetic Task Force
   a. The mission of our task force is to educate and provide guidance to
      AAPOS members on how to best manage patients with genetic
      disorders.

2. Overview of results from online poll of AAPOS members on their exposure to,
   knowledge of, and needs related to patients with genetic eye disorders
   a. A common request: pediatric ophthalmologists would like a list of
      pediatric eye disease genes which can be tested
      i. This is a constantly changing list, but is available online at
         www.genetests.org.
   b. Another common request: a list of gene therapy trials for which
      pediatric ophthalmology patients might be eligible.
      i. This is a constantly changing list, but it is available online at
         www.clinicaltrials.gov.

II. Algorithms for Care of Pediatric Genetic Eye Disorder Patients
    For each pediatric condition which may be genetic, it is helpful to have a
    standard algorithmic approach for the evaluation of patients. This algorithm
    will include important parts of the complete eye examination, some of which may
    need to be performed under sedation or anesthesia in children, specialized clinical
    testing, and molecular genetic testing. With our current state of understanding of
    molecular genetic testing, not all testing is clinically useful at this time. As part of
    the discussion of these disorders we will address for which disorders genetic testing
    is a must—and for which it is a bust in 2017.

1. Congenital/infantile nystagmus (Drack)
2. Congenital/developmental cataracts (Miraldi Utz)
3. Congenital/juvenile glaucoma (Khan)
4. Pediatric retinal disorders and degenerations (Traboulsi)
5. Syndromes and congenital malformations (Costakos)

III. Questions and cases from workshop participants