

Intraoperative OCT Guidance of Intraocular Surgery II

NCT03713268

Status RECRUITING
Sponsor Duke University
Enrollment 262 participants

Key Eligibility Criteria

Inclusion (4)

- Healthy controls: Healthy eyes without known disease: refractive error including myopia and non-significant cataract is allowed. For selected testing pseudophakia is allowed.
- Surgeons as research subjects: Adult (e18 years old)
- Surgical patients (vitreoretinal surgery): Patients undergoing examination under anesthesia or surgery for vitreoretinal diseases
- Surgical patients (anterior segment surgery-glaucoma, ocular surface or strabismus requiring extraocular muscle surgery): Include both adults and children. Patient undergoing primary, elective minimally invasive glaucoma surgery, ocular surface surgery, or strabismus surgery.

Exclusion (3)

- Healthy controls: Any ocular disease that restricts the ability to perform OCT scanning. Conflict of interest with investigators/study personnel, e.g. a student in the lab of an investigator.
- Surgical patients (vitreoretinal surgery): Neonates (< 4 weeks of age) and patients with any ocular disease that restricts the ability to perform OCT scanning.
- Surgical patients (anterior segment surgery-corneal and cataract diseases): Pediatric patients: The cornea and cataract surgery studies will be restricted to adults (e 18 years). Children do not have cataract surgery typically by residents and therefore would not fit our study design. Similarly pediatric corneal transplants are very rare.

Locations (1 total)

Duke University Eye Center, Durham, North Carolina, United States