











Childhood Glaucoma Research Network (CGRN) Diagnostic Criteria

CGRN diagnostic criteria are preferable for GFCS because they emphasize the signs of glaucoma and visual field defects other than IOP, which may help avoid unnecessary treatment and missed diagnosis.

2 or more of the following are required:

1. IOP >21 mm Hg (investigator discretion on the method of measurement and if data obtained during examination under anesthesia alone are sufficient).

2. Visual fields: reproducible visual field defect that is consistent with glaucomatous optic neuropathy with no other observable reason for the visual field defect.



Risk factors

- Numerous studies have proposed various risk factors for GFCS including:
- Age at lensectomy,
- IOL implantation,
- Type of cataract,
- Primary posterior capsulotomy with anterior vitrectomy,
- Preexisting ocular abnormalities (microphthalmia, microcornea, persistent fetal vasculature, etc.),
- · Additional intraocular surgery, and
- · Family history of congenital cataract or GFCS.
- Solebo AL, Rahi JS. British Congenital Cataract Interest G. Glaucoma following cataract surgery in the first 2 years of life: frequency, risk factors and outcomes from IoLunder2. Br J Ophthalmol. 2020;104:967–973.















