

CGRN Non-Acquired Ocular Anomaly Algorithm

2026 GL Foundation for Children with Glaucoma, Inc.



Without longitudinal follow up

- IOP > 21mmHg*
- CDR asymmetry ≥ 0.2
- Focal thinning of optic disc rim
- Presence of Haab striae, corneal edema or increased corneal diameter**
- Axial myopia or increased AL
- VF defect

With longitudinal follow up

- Increasing CDR over time
- Progressive myopia out of bound to age-related changes
- Increasing AL out of bound to age-related changes

2 or more of the listed items above?

NO (diagnostic criteria not met)

Glaucoma Suspect

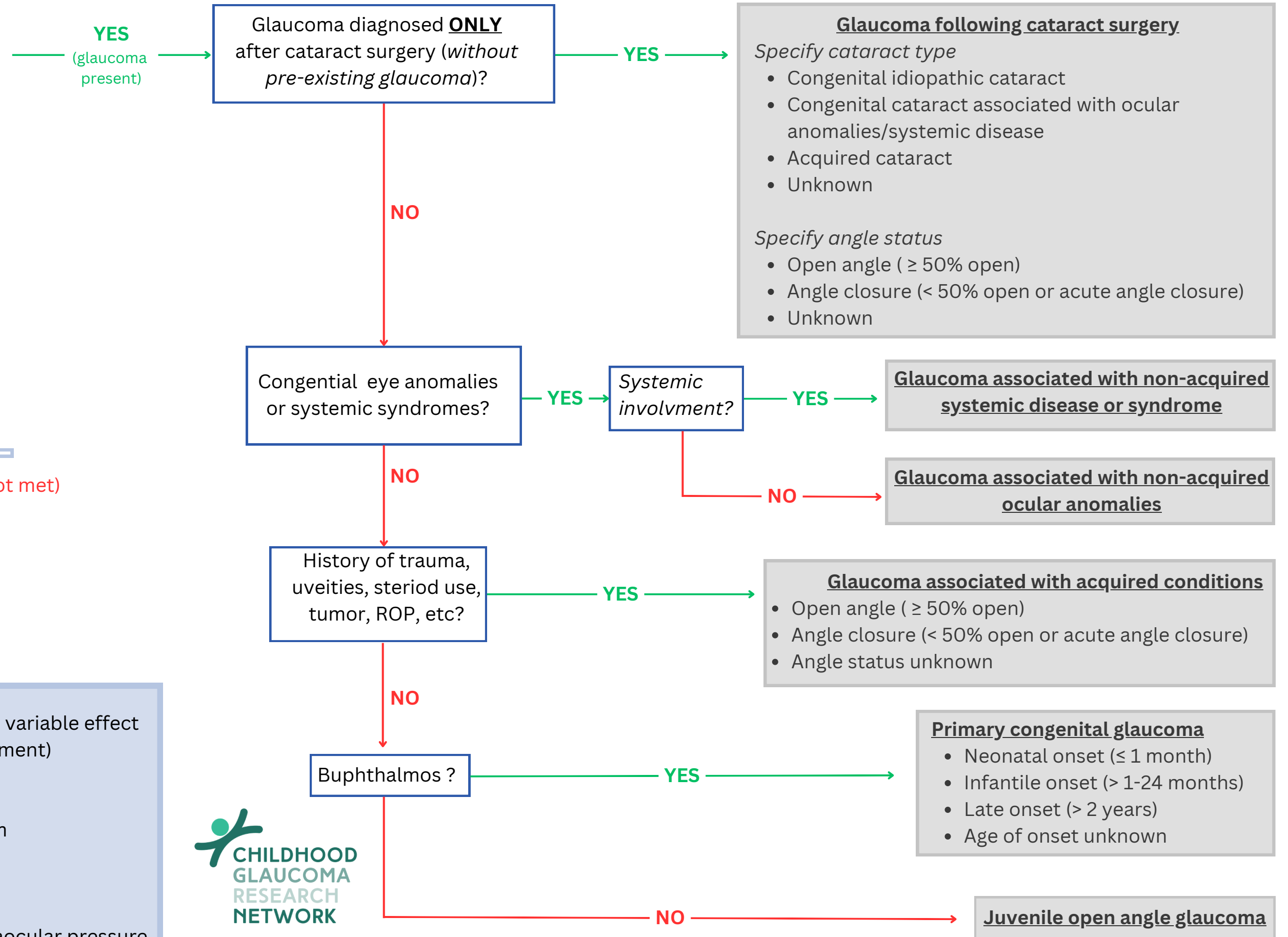
Only 1 from the list
(IOP elevation must be reproducible)

*Investigator discretion if EUA data alone (due to the variable effect of anesthesia on all methods of IOP assessment)

** Newborn ≥ 11mm
Child less than one year of age > 12mm
Any age > 13mm

ABBREVIATIONS

AL - axial length • CDR - cup to disc ratio • IOP - intraocular pressure
ROP - retinopathy of prematurity • VF - visual field



CGRN Classification System