



### Without longitudinal follow up

- IOP > 21mmHg\*
- CDR asymmetry  $\geq 0.2$
- 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)

### **KEY**

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

**\* Newborn  $\geq 11\text{mmHg}$   
Child less one year of age  $> 12\text{mmHg}$   
Any age  $> 13\text{mmHg}$**

Abbreviations

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

**YES  
(glaucoma present)**

Glaucoma diagnosed **ONLY**  
after cataract surgery (*without pre-existing glaucoma*)?

**YES**

### **Glaucoma following cataract surgery.**

*Specify cataract type*

- Congenital idiopathic cataract
- Congenital cataract associated with ocular anomalies/systemic disease
- Acquired cataract
- Unknown

*Specify angle status*

- Open angle ( $\geq 50\%$  open)
- Angle closure ( $< 50\%$  open or acute angle closure)
- Unknown

**NO**

Congenital eye anomalies  
or systemic syndromes?

**YES**

*Systemic  
involvement?*

**YES**

Glaucoma associated with non-acquired  
**systemic disease or syndrome**

**NO**

Glaucoma associated with non-acquired  
**ocular anomalies**

**NO**

History of trauma,  
uveities, steroid use,  
tumor, ROP, etc?

**YES**

### **Glaucoma associated with acquired conditions**

- Open angle ( $\geq 50\%$  open)
- Angle closure ( $< 50\%$  open or acute angle closure)
- Angle status unknown

**NO**

Buphthalmos ?

**YES**

### **Primary congenital glaucoma**

- Neonatal onset ( $\leq 1$  month)
- Infantile onset ( $> 1\text{-}24$  months)
- Late onset ( $> 2$  years)
- Age of onset unknown

**NO**

**Juvenile open angle glaucoma**



**CGRN Classification System**

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