CHILDHOOD GLAUCOMA RESEARCH NETWORK

Classification of Childhood Glaucoma

Childhood Glaucoma Research Network

Diagnostic Checklist
- IOP>21 mm Hg
- Optic nerve cupping
  - -Prog. inc. C/D
  - -Asymmetry ≤ 0.2
  - -Focal thinning
- K - Haab or inc. Diameter
- Myopic shift or inc. AL
- Reproducible VF defect

≤ 2 Of the above?

YES

Glaucoma diagnosed Only after cataract Surgery (Without pre-existing Glaucoma)

YES

Glaucoma Following cataract surgery
- Congenital Idiopathic cataract
- Congenital cataract associated with ocular anomalies/ Systemic disease
- Acquired cataract
- Open-angle glaucoma (≥50% open)
- Angle-closure glaucoma(< 50% open or acute angle closure)

Glaucoma associated with non-Acquired Systemic Disease or Syndrome

YES

Systemic Involvement?

YES

Glaucoma associated with Non-Acquired Systemic Disease or Syndrome

NO

Glaucoma associated with Non-Acquired Ocular Anomalies

Glaucoma associated with non-Acquired Systemic Disease or Syndrome

YES

Glaucoma associated with aquired conditions
- Open-angle glaucoma (≥ 50% open)
- Angle-closure glaucoma (<50% open or acute angle closure)

Buphthalmos?

YES

Primary congenital glaucoma
- Neonatal onset (≤ 1 month)
- Infantile onset (>1-24 mos)
- Late onset (> 2 years)

NO

Juvenile Open Angle Glaucoma

NO

Glaucoma Suspect
- At least 1 of the above
- IOP> 21 on 2 separate Occasions

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