

Glaucoma in the infant

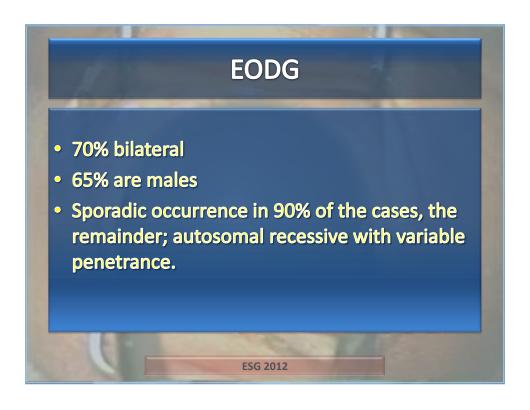
- Early onset developmental glaucoma (EODG)
- Developmental glaucoma with other congenital anomalies
- Aphakic glaucoma

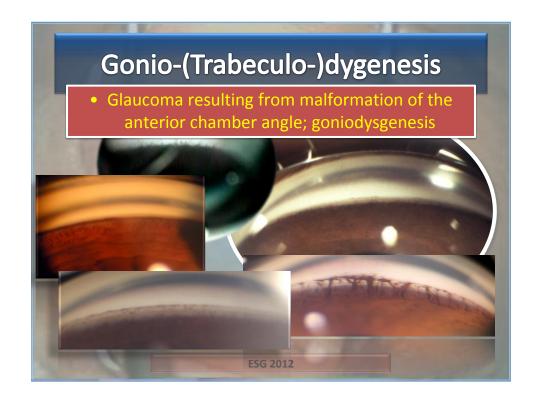
ESG 2012

EODG

- primary defect in the aqueous filtration system of the eye, developmental, goniodysgenetic
- Estimates of incidence;
 - 1:10,00 births in the West
 - 1:2500 births in the Middle East
 - 1:1250 births among the Slovakian Roms.
- More than 80% present before 1 year.

ESG 2012

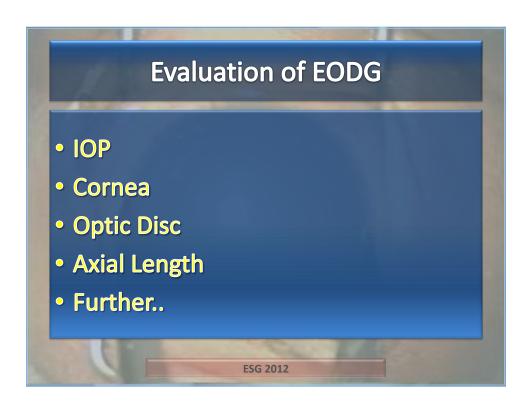




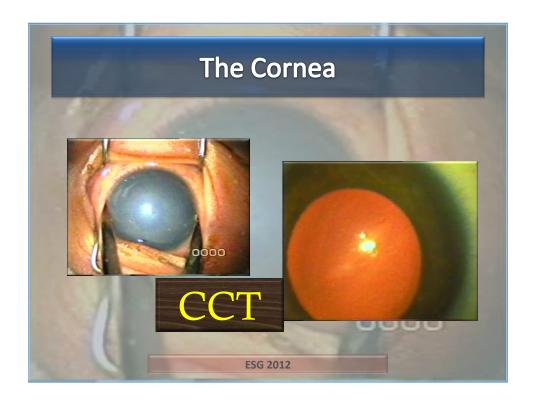


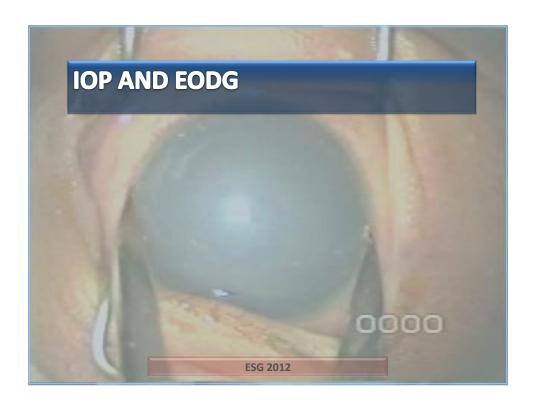


EODG presenting itself.. Corneal cloudiness Large corneas Tearful eyes Intolerance to light

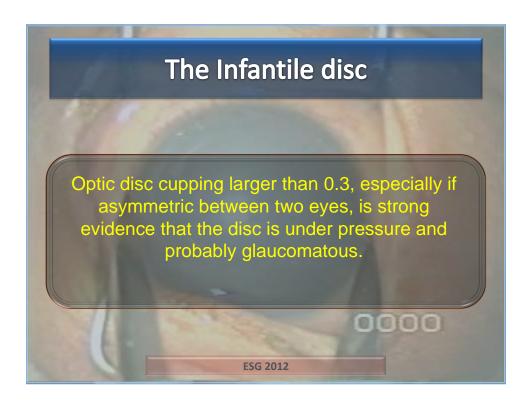


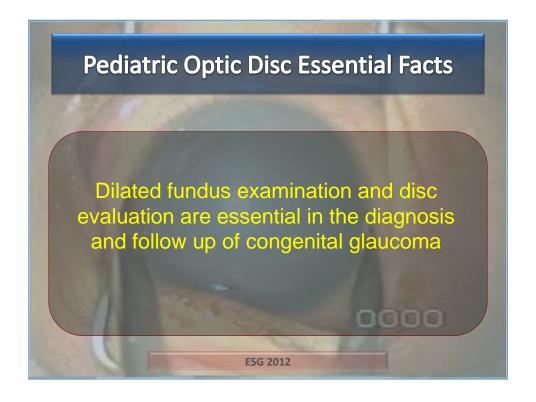


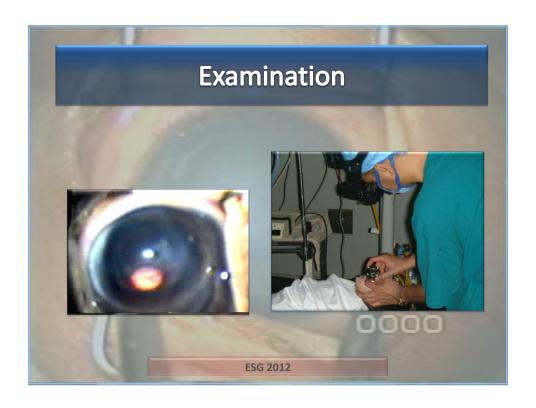


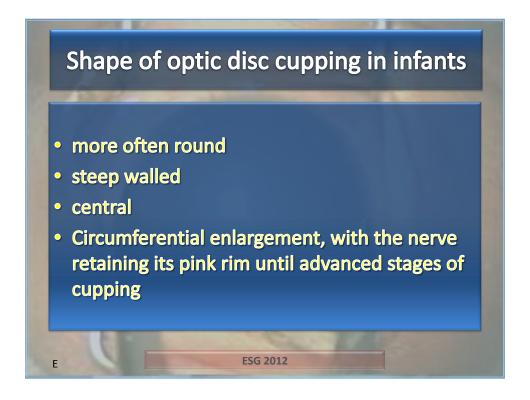










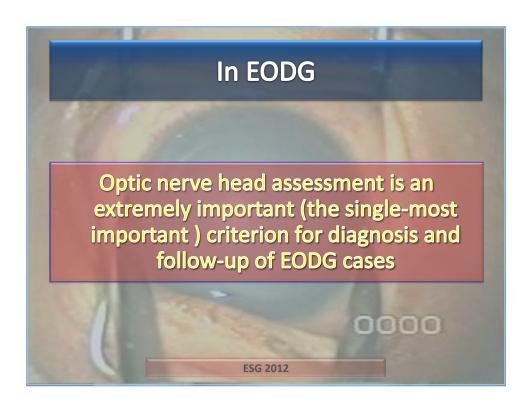






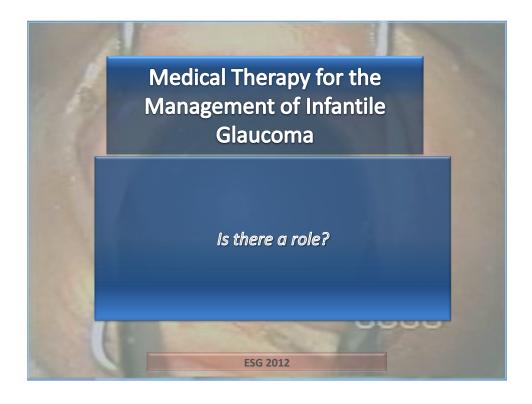


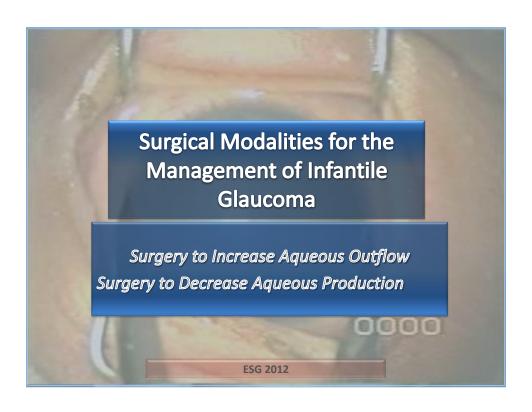
Reversible Cupping Remarkable decrease in cupping can be observed as early as one week after normalization of IOP The younger the child, the faster the reversibility So consistent that it can be used as the main criterion for control of glaucoma in infants rather than using the height of IOP Probably related to mechanical changes rather than neural damage?!

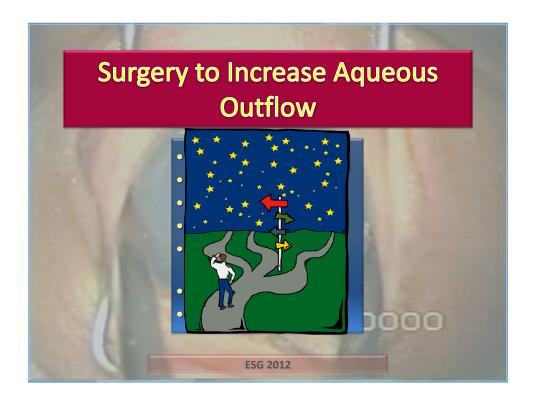


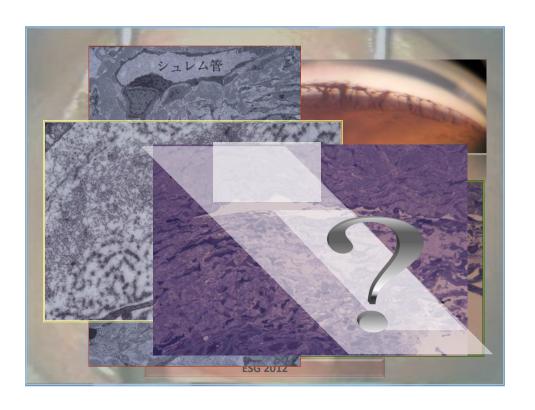


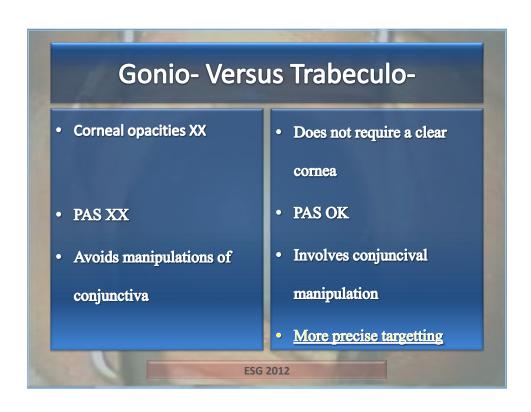




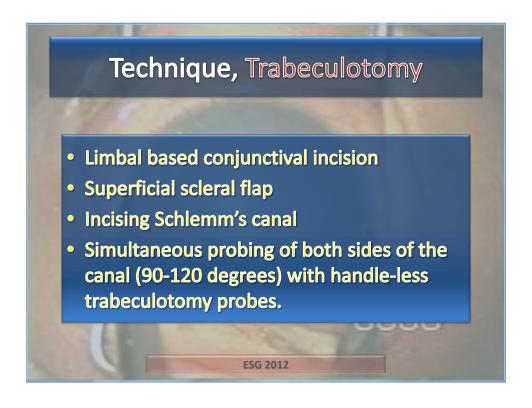


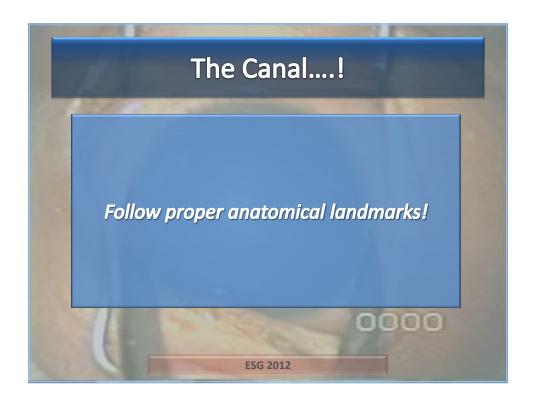


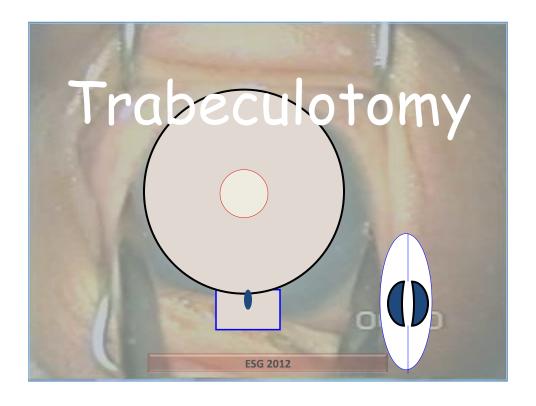


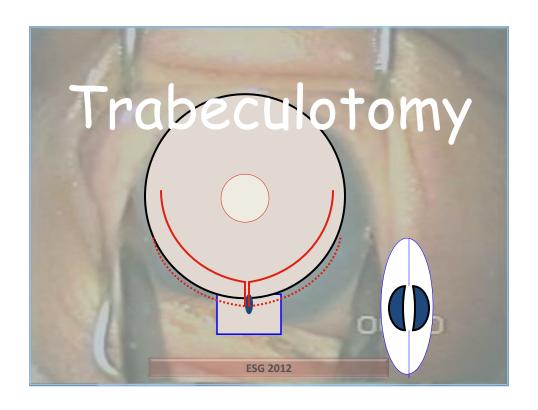


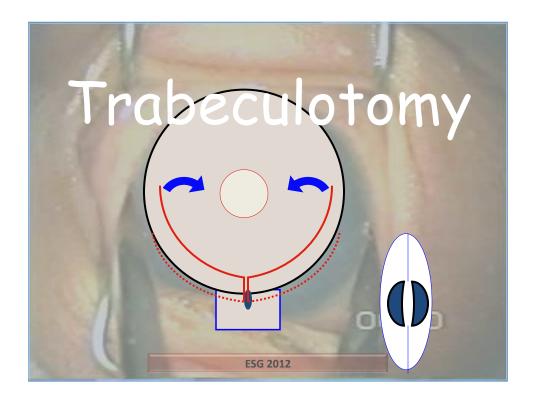


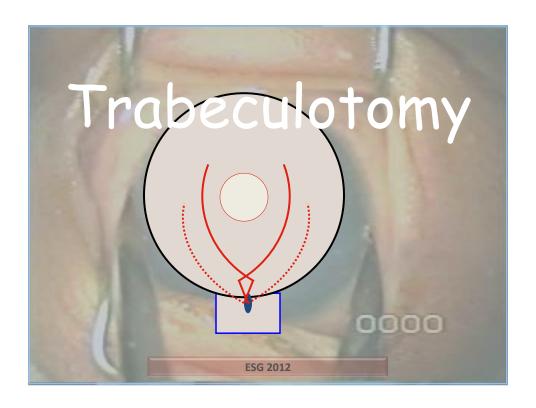








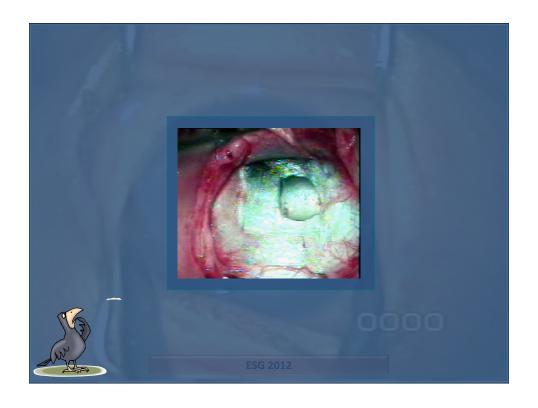




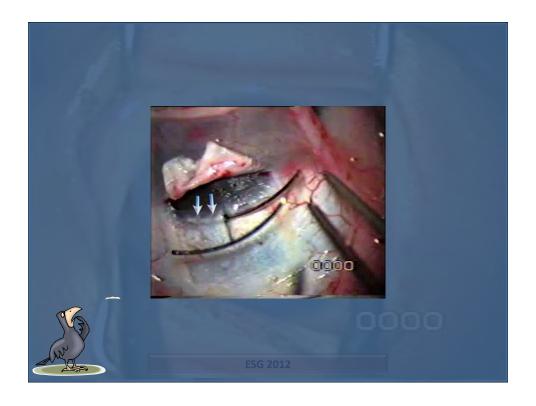


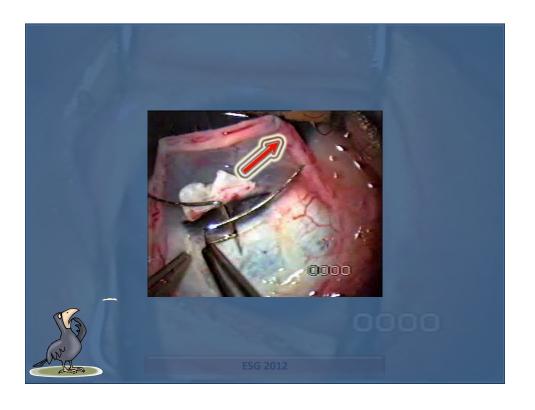


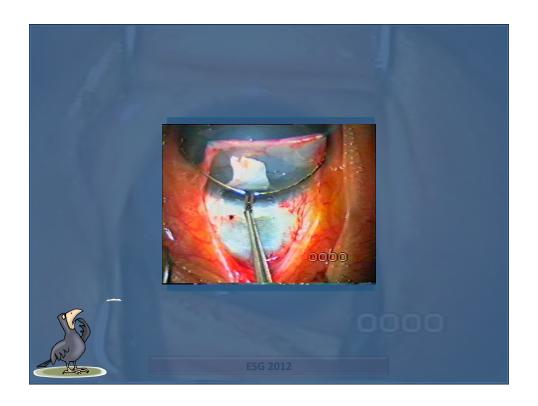




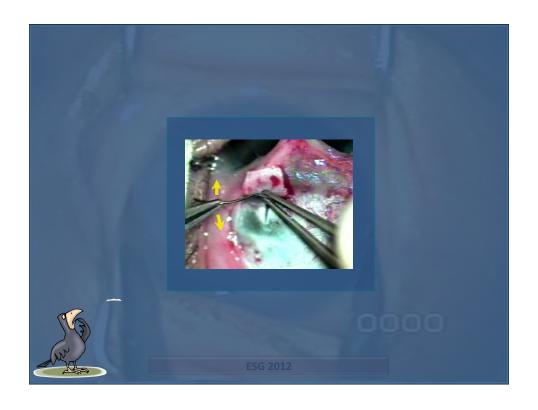


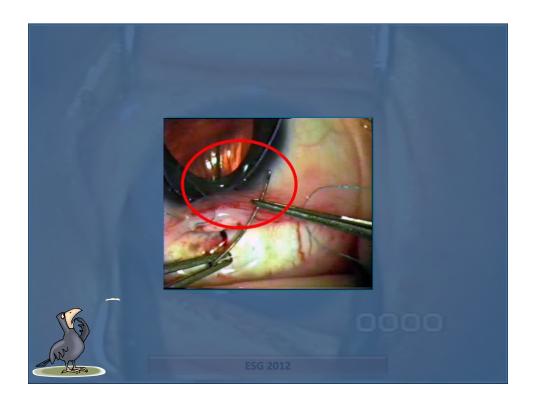




















Results, Outcome Parameters A favorable outcome: All of the following Resolution of corneal oedema. Stabilization +/- regression of corneal diameter. IOP control (<?mmhg). Stabilization +/- optic disc cupping.

