PEDIG Update 2015

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What is PEDIG?

- PEDIG – Pediatric Eye Disease Investigational Group
- “collaborative network dedicated to facilitating multicenter clinical research in strabismus, amblyopia and other eye disorders that affect children”
- Over 100 centers, over 200 ophthalmologists, in the US, UK, and Canada
- Established in 1997
- Funded by the NEI (National Eye Institute)

93 studies of eyes on the wall...
PEDIG, most recent studies
2014 to 2015
(okay, some of them)
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Office patching for treatment of nasolacrimal duct obstruction in infants.

Abstract

To assess the efficacy and short-term safety of levodopa as treatment for patching for children 7 to 12 years of age with residual amblyopia after patching therapy.

OBJECTIVE:

METHODS:

RESULTS:

CONCLUSIONS:

Performing nasolacrimal duct probing in the office successfully treats NLDO in the majority of cases, with fewer adverse events. An evidence-based treatment protocol for childhood NLDO is proposed.
Site 302 – our role, currently

- CO2 – cataract surgery observational study
- IXT1 – randomized R/R vs. BLRc for XT
- ATS-18 – iPad game study for amblyopia treatment
- IXT3 – “overminus” spectacles for XT

PEDIG studies currently enrolling

- ATS18 – Binocular Computer Activities for Treatment of Amblyopia (5-17 years, amblyopia, no treatment past 2 weeks, wearing specs (if needed), acuity 20/40 to 20/200, 20/25 or better fellow eye, have to be able to line up the nonius cross and play Hess Falling Blocks game)
...enrolling

- IXT3 – A Pilot Randomized Clinical Trial of Overminus Spectacle Therapy for Intermittent exotropia – 3-7 y/o IXT or constant at distance, uses “control scores,” no previous surgical treatment, no other therapy (besides refractive correction) in last 2 weeks, SE between minus 6.00 and plus 1.00; randomize to -2.50 “overminus” specs or regular specs/no specs; observe “treatment response” by distance control scoring.

coming soon....

- ROP – Bevacizumab treatment for severe retinopathy of prematurity
- IXT4 – atropine for intermittent exotropia
- SAS – observation study of adult strabismus
- PONP – pediatric optic neuritis prospective outcomes study
- ???adding a bifocal for helping with amblyopia????