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“Headaches” of concern to the ophthalmologist:

From the *International Classification of Headache Disorders (ICHD-3)* 1st issue *Cephalalgia* 2018

Primary headaches

1. Migraine

1.1 Migraine without aura

1.2 Migraine with aura

1.2.1 Migraine with typical aura

1.2.1.1 Typical aura with headache

1.2.1.2 Typical aura without headache

1.2.4 Retinal migraine: Repeated attacks of monocular visual disturbance, including scintillations, scotomata or blindness, associated with migraine headache.

Secondary headaches

7.1 Headache attributed to increased cerebrospinal fluid (CSF) pressure

7.1.1 Headache attributed to idiopathic intracranial hypertension (IIH)

11.3 Headache attributed to disorder of the eyes

11.3.1 Headache attributed to acute angle-closure glaucoma

11.3.2 Headache attributed to refractive error

11.3.3 Headache attributed to ocular inflammatory disorder

11.3.4 Trochlear headache

13.6 Painful optic neuritis

13.7 Headache attributed to ischaemic ocular motor nerve palsy

13.8 Tolosa–Hunt syndrome

13.9 Paratrigeminal oculosympathetic (Raeder’s) syndrome

13.10 Recurrent painful ophthalmoplegic neuropathy

ICHD-3 Appendix: Primary purpose of the Appendix is to present research criteria for a number of novel entities that have not been sufficiently validated by research conducted so far.

A11.3 Headache attributed to disorder of the eyes

A11.3.5 Headache attributed to heterophoria or heterotropia (ocular misalignments)

What pediatric patients with headaches should be referred to Ophthalmology?

Is the pain Ocular? Are there Ocular findings? If Yes or Unsure, then refer.

- Try to sort out if “headache” or “pain in eyes”
- Look for eye findings:
 - Guarding eyes
 - Photophobia
 - Pain with eye movement

- Eye inflammation
 - Lid/conjunctiva swelling, injection, discharge
 - Corneal changes
 - Orbital signs

If “headache” then perform and document Neuro-ophthalmology exam

- Visual acuity/fixation: monocular testing
- Visual fields: full to finger counting OU
- Pupils: round/central, constrict to light, (-)swinging flashlight test
- Motility: no torticollis, no nystagmus, aligned in 5 positions of gaze, full rotations
- Optic disc appearance