

Specification for Ophthalmic Reports

The following sub-headings are for guidance purposes only and should not be taken as an exhaustive list.

1. Diagnosis (or diagnoses)

2. History

- Presenting symptoms
- Past ocular history
- Past medical history
- Family history

3. Examination and Investigation findings

- Clinical findings
 - Uncorrected visual acuities (Right, Left, Both) - distant (6m), intermediate (1m) and near (30-50cm)
 - Corrected visual acuities (Right, Left, Both) - distant (6m), intermediate (1m) and near (30-50cm)
 - Current refraction
 - General, Face, Adnexal structures e.g. eyelids
 - Pupils
 - Cover test
 - Eye movements
 - Convergence and accommodation
 - Stereopsis and fusion
 - Field of binocular single vision
 - Hess test
 - Where relevant, full orthoptic report
 - Visual fields
 - For monitoring glaucoma, central static fields ideally Humphrey 24-2.
 - For monitoring neuro-ophthalmological conditions, Humphrey peripheral or neurological programmes, or Goldmann kinetic perimetry
 - For function, monocular and binocular Esterman programme on Humphrey machine.
- Results of investigations such as CT or MRI scanning
- Results of blood tests
- Results of any other relevant tests

4. Treatment, including surgery

- A. Ocular and other current and recent past medications (name, dose, start and finish dates, frequency)
- B. Surgery
 - Date of surgery
 - Make and model of any implant

- Post op medication
- Post op result (e.g. refraction, eye position) measured at least twice separated by one month to establish early stability

5. Follow up and prognosis

- Anticipated follow up/frequency of clinical reviews and investigations
- Anticipated stability at 1, 5, 10 years

6. Clinical implications

- Effect on function
- Any concerns regarding disease progression, treatment compliance, sudden change in vision or risk of incapacity.

Information for specific conditions:

Ocular Hypertension, Glaucoma and Pigment Dispersion Syndrome

- Visual fields
- Optic disc assessment
- Intra ocular pressures
- Anterior angle assessment

Keratoconus

- Specify treatment (spectacles, contact lens supervision, cross linking, corneal transplant)
- Corneal topographies (colour copy)

Vascular Conditions (BRVO, AION, CRVO, BRAO, CRAO, Amaurosis Fugax)

- Esterman visual fields – right, left and binocular field results required
- Intra ocular pressures
- Cardiovascular Review (refer to Coronary Artery Disease Flow chart) to include
 - FBC, ESR, Thrombophilia screen (where relevant)
 - Temporal artery biopsy, carotid doppler, echocardiogram

Phorias and Tropias

- Orthoptic Report Required

Eye Surgery Reports (from ophthalmic surgeon who carried out surgery)

- Date of surgery
- Intra operative or post-operative complications
- Comment on relevant clinical findings
 - Ocular discomfort or diplopia
 - Corneal haze or other median opacities
 - Symptoms of glare, photophobia or other dysphotopic symptoms
 - Night vision issues

- **Cataract Surgery**
 - Type of surgery (phacoemulsification or extracapsular)
 - Post capsular thickening and YAG laser treatment (if applicable)
 - Type of intraocular lens implant used
 - Mesopic Contrast Sensitivity
 - Glare sensitivity
 - Halos

- **Refractive Surgery and Collagen Cross Linking**
 - Type of surgery (LASIK, LASEK, PRK, Collagen Cross Linking, other)
 - Post-operative refractions
 - Glare sensitivity
 - Corneal topographies (Collagen Cross Linking)
 - Mesopic Contrast Sensitivity

- **Retinal Detachment/Par Planus Vitrectomy – Laser Retinopexy**
 - Type of surgery (gas or silicone oil)
 - Residual field defect
 - Risk of recurrence

Follow-up reports, to include visual field test results are required for many eye conditions in order to maintain medical certification in the aviation environment.