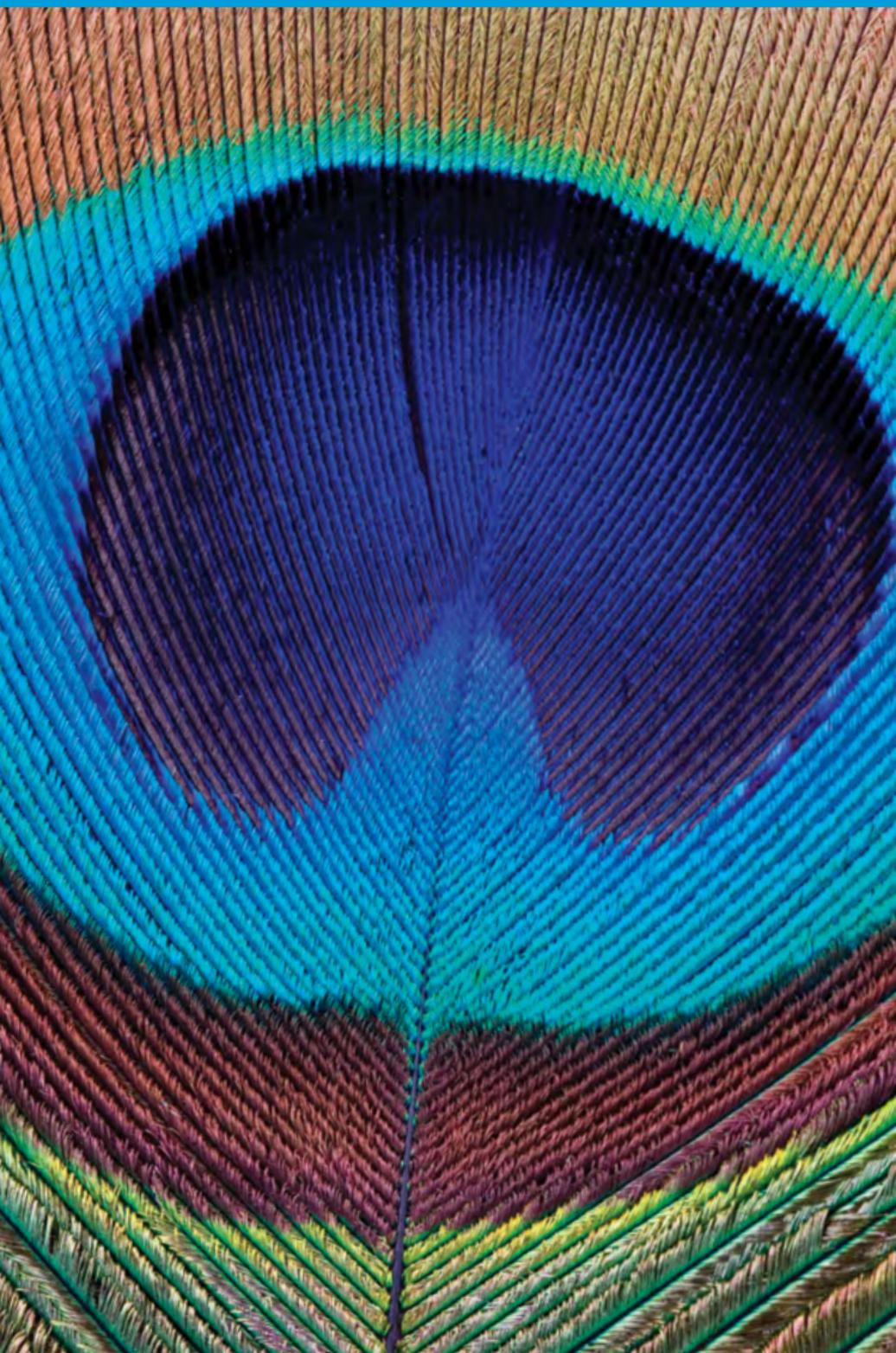


Glaucoma

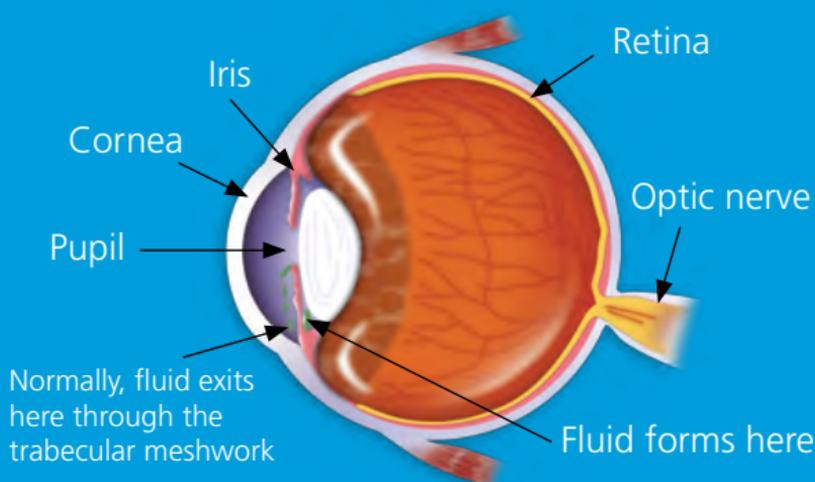


Moorfields
Eye Hospital Centre

A PART OF MOORFIELDS LONDON

What is Glaucoma?

The eye produces a nourishing fluid called the aqueous humour. This fluid circulates around the tissues of the eye and drains away through outflow channels. 'Normal' eye pressure is when the amount of fluid produced is balanced by the amount of fluid draining away. If the fluid in the eye is not 'balanced' then the pressure inside the eye rises and this can lead to glaucoma.



Glaucoma, if untreated, causes damage to the optic nerve at the back of the eye, ultimately resulting in loss of vision.

Signs and Symptoms

Glaucoma does not present symptoms until late stages, when it can cause damage to your field of vision. This means that the edge of your peripheral vision can start to disappear causing your vision to narrow. If treatment is delayed, these defects can severely affect your vision and can cause "tunnel vision".

Importance of Early Diagnosis

Early treatment can prevent damage from occurring, however, any damage that occurs is permanent. Therefore it is very important to diagnose the condition early to maintain the maximum level of peripheral vision.

Glaucoma is slightly more common in people who are short-sighted or people who have diabetes.

It also tends to be hereditary. If there is a history of glaucoma in your immediate family then regular eye checks are essential. Ideally, everyone over the age of 40 should have an eye test for glaucoma.

Tests for Glaucoma

At Moorfields Eye Hospital Dubai we have the latest equipment for diagnosing and staging glaucoma.

Pressure Check

A local anaesthetic drop which lasts only for 10-20 minutes will be placed in both eyes, then a small instrument is placed gently against the eye. This will measure the pressure inside the eye.

Alternatively the pressure may be checked using air. A small puff of air is blown into your eye, this is not painful and gives a quick and accurate measurement of the pressure.

Pachymetry

This measures the thickness of the cornea by means of an ultrasound probe. It has proven to be important in determining precisely the Intraocular pressure.

Treatment

Aims to reduce the pressure in the eye either by helping the fluid to drain away or by reducing the amount of fluid produced. The usual treatment is with eye drops that best suit your case.

If you are prescribed eye drops, they must be taken regularly and according to the prescribed doses.

In cases resistant to medical treatment, surgery may need to be performed.

Ask our staff for glaucoma screening and follow-up packages which conveniently include all the above tests.



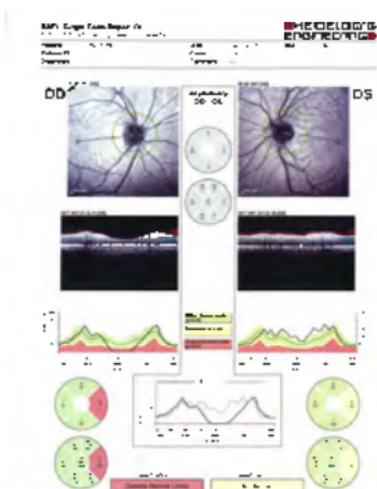
General Examination

The examiner can look into the eyes to see if the optic nerve is damaged.



Visual Field Testing

A test can be carried out to check the peripheral vision.



Optical Coherence Tomography

Can detect glaucoma at a much earlier stage hence reducing the chance of glaucomatous damage occurring.

How to reach us

Moorfields Eye Hospital Centre is located in Villas B01 and B02, Marina Village, near Marina Mall.



Moorfields Eye Hospital Centre

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Opening hours:

Saturday to Thursday, 8.00am to 6.00pm, for information and advice on eye conditions and treatments from experienced ophthalmic trained staff.