

Having a biometry test of your eye

Department of Ophthalmology

Information for Patients

Last reviewed: March 2025

Next review: March 2028

Leaflet number: 874 Version: 2

What is a biometry?

A biometry is an imaging technique that takes measurements of the eye. In this test we will measure the length of the eye and the clear window at the front of the eye (the cornea). We do this to work out the lens strength you will need.

What happens during my scan?

We will use an OCI machine (optical coherence interferometry). This test is non-invasive. You will sit in 1 position and look into a target. This target could be a coloured light or a cross. This scan will not touch your eye or blow air at your eye. It takes only a few minutes to do the test. There is no pain or discomfort.

In some patients when we cannot take measurements we will use an ultrasound machine. We will put an ultrasound probe on the surface of the eye. This will measure the length of the eye. We add a local anaesthetic eye drop to numb it before do the test.

If the local anaesthetic eye drop is used your eyes may feel numb after the test. Do not rub your eyes following the instillation of the eye drops.

Health information and support is available at www.nhs.uk
or call 111 for non-emergency medical advice

Visit www.leicestershospitals.nhs.uk for maps and information about visiting Leicester's Hospitals
To give feedback about this information sheet, contact InformationForPatients@uhl-tr.nhs.uk

Further measurements may be needed for patients who have had previous refractive laser surgery.

Preparing for your appointment

You need to remove your contact lenses before your appointment. Your contact lenses can change the measurement of the eye. Below is a guide for how long before your appointment you need to remove your contact lenses for:

Type of contact lenses	Remove for
Soft daily disposable contact lenses	7 days
Soft 2 weekly and monthly contact lenses	7 days
Extended wear soft contact lenses	7 days
Rigid gas permeable contact lenses	4 weeks

Contact details

If you have any questions or worries, before or after the test, please do not hesitate to ask.

- Clinic enquiry line: 0116 258 6763 (this number is not used for booking or cancellation enquiries). Monday to Thursday: 9am to 5pm, Friday: 9am to 1pm.
- If your appointment is at **Loughborough Hospital** please contact the clinic enquiry line on 01509 564307, Monday to Friday, 8am to 4pm.

اگر آپ کو یہ معلومات کسی اور زبان میں درکار ہیں، تو براہ کرم مندرجہ ذیل نمبر پر ٹیلی فون کریں۔
على هذه المعلومات بلغة أخرى، الرجاء الاتصال على رقم الهاتف الذي يظهر في الأسفل
જો તમને અન્ય ભાષામાં આ માહિતી જોઈતી હોય, તો નીચે આપેલ નંબર પર કૃપા કરી ટેલિફોન કરો

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Aby uzyskać informacje w innym języku, proszę zadzwonić pod podany niżej numer telefonu

If you would like this information in another language or format such as EasyRead or Braille, please telephone 0116 250 2959 or email equality@uhl-tr.nhs.uk