

Having a biometry test of your eye

Department of Ophthalmology

Information for Patients

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What is a biometry?

A biometry is an imaging technique that involves taking measurements of the eye. In this test we will measure the length of the eye and the curvature of the cornea (the clear window at the front of the eye), in order to calculate the lens strength.

What happens during my scan?

The procedure will be carried out by an OCI machine (optical coherence interferometry). This test is non-invasive and simply requires you to sit in one position and look into a green cross. This scan will not touch your eye or blow air at your eye. It takes only a few minutes to perform and there is no pain or discomfort.

In some patients, where measurements are not possible, an ultrasound machine will be used. This will involve placing an ultrasound probe on the surface of the eye (cornea) to obtain measurements of the length of the eye. A local anaesthetic eye drop is instilled to numb the eyes before this test is performed.

Please note, if the local anaesthetic eye drop is used your eyes may feel numb following the biometry. Please 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

It is important to remove your contact lenses before your appointment, as this can alter the measurement of the eye. Below is a guide as to how long before your appointment your contact lenses should be removed:

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 further questions or worries, either before or after the test, please do not hesitate to ask.

- Clinic enquiry line - 0116 258 6763 (please note 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.

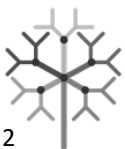
اگر آپ کو یہ معلومات کسی اور زبان میں درکار ہیں، تو براہ کرم مندرجہ ذیل نمبر پر ٹیلی فون کریں۔
على هذه المعلومات بلغةٍ أخرى، الرجاء الاتصال على رقم الهاتف الذي يظهر في الأسفل

જો તમને અન્ય ભાષામાં આ માહિતી જોઈતી હોય, તો નીચે આપેલ નંબર પર કૃપા કરી ટેલિફોન કરો

ਜੇ ਤੁਸੀਂ ਇਹ ਜਾਣਕਾਰੀ ਕਿਸੇ ਹੋਰ ਭਾਸ਼ਾ ਵਿਚ ਚਾਹੁੰਦੇ ਹੋ, ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਨੰਬਰ 'ਤੇ ਟੈਲੀਫੋਨ ਕਰੋ।

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



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