



Manchester Royal Eye Hospital

Cyclodiode Laser

Information For Patients



INVESTOR IN PEOPLE



POSITIVE ABOUT
DISABLED PEOPLE

What is Cyclodiode laser?

The diode laser is a highly concentrated beam of light, which can be used to target and treat a selected area. Sometimes, laser treatment is recommended in order to avoid or delay the need for more invasive surgery. The diode laser is used to produce very small burns in the ciliary body, which produces the watery fluid called aqueous humour, and is situated behind the iris (coloured part of your eye). The reduced production of aqueous humour causes the eye pressure to fall.

What happens on the day of treatment?

The treatment takes place in the operating theatre. You will be asked to attend the Day Case Unit or Ward in advance of the treatment time. Further instructions about this will be given in the letter discussing your admission. The doctor will take your written consent and explain further if you have any questions.

The procedure may be done whilst you are asleep under general anaesthetic although is commonly done under local anaesthetic. The local anaesthetic involves drops that numb the front surface of your eye and an injection in the skin around your eye, which will make the area around your eye go numb. This may last for a few hours and can affect your vision at the time.

The laser is then applied through the sclera (the white of your eye) using a pen like instrument. At the end of the procedure, an injection of steroid is given to help reduce inflammation that may occur following the laser treatment. An eye pad and a clear plastic shield will be applied over your eye. It is important that you do not drive, and you may wish to arrange for someone to take you home. You will be given drops to take at home. You will probably need to continue your glaucoma eye drops (and or tablets), the doctor will advise you of this before you leave. You will receive an appointment to come back to the clinic.

Are there any risks or side effects of this treatment?

Immediately afterwards your eye may look bloodshot. This may result from the injections given to the skin of your eye. Your eye may feel slightly bruised afterwards and sometimes become inflamed. The eye drops will control any inflammation and help to relieve discomfort.

You may wish to take a mild painkiller, for example Paracetamol, to relieve this discomfort. If you are already taking painkillers for a different condition continue with these, but do not take both.

Loss of vision may occur after the treatment particularly if the pressure in the eye goes too low. Some change in the vision is noticed by about 20 % of patients.

How successful is it in lowering the eye pressure?

Over 80% of patients who have their eyes treated by laser in this way have a successful lowering of pressure. The effects of the laser can wear off in time but may last for months or years. The treatment can be repeated if necessary.

The information in this leaflet is intended as a guide only, as each patient's experience will be different. If you require any further information or are concerned about your eye following laser treatment, please contact your consultant's secretary. The telephone number is on the front of your appointment card.

If you are unable to speak to the secretary, please ring the Emergency Eye Centre on 0161 276 5599 every day between 8.00 am and 9.00 pm.

If at any time you are unable to contact a member of staff on the above numbers telephone Ward 55 on 0161 276 5512 available 24 hours a day, seven days a week.

Larger print

Please ask a member of the department staff if you require this information in large print or Braille.

No Smoking Policy

The NHS has a responsibility for the nation's health.

Protect yourself, patients, visitors and staff by adhering to our no smoking policy. Smoking is not permitted within any of our hospital buildings or grounds.

The Manchester Stop Smoking Service can be contacted on Tel: (0161) 205 5998
(www.stopsmokingmanchester.co.uk).

Translation and Interpretation Service

Do you have difficulty speaking or understanding English?

আপনি কি ইংরেজীতে বুঝতে কিংবা বুঝাতে পেরেছেন ? (BENGLI)

क्या आपको अंग्रेजी बोलने या समझने में कठिनाई है ? (HINDI)

તમે ભાષા કારણે વાતચીત કરવામાં મુશ્કેલી આવે છે ? (GUJARATI)

ਕਿ ਤੁਹਾਨੂੰ ਅੰਗ੍ਰੇਜ਼ੀ ਬੋਲਣ ਜਾਂ ਸਮਝਣ ਵਿਚ ਦਿਕਤ ਹੈ ? (PUNJABI)

Miyey ku adagtahay inaad ku hadasho Ingriisida aad sahamto (SOMALI)

هل لديك مشاكل في فهم اوالتكلم باللغة الانجليزية ؟ (ARABIC)

你有困難講英語或明白英語嗎？ (CANTONESE)

کیا آپکو انگریزی سمجھنے اور سمجھانے میں دقت پیش آتی ہے؟ (URDU)

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