

YAG laser goniopuncture

Ophthalmology

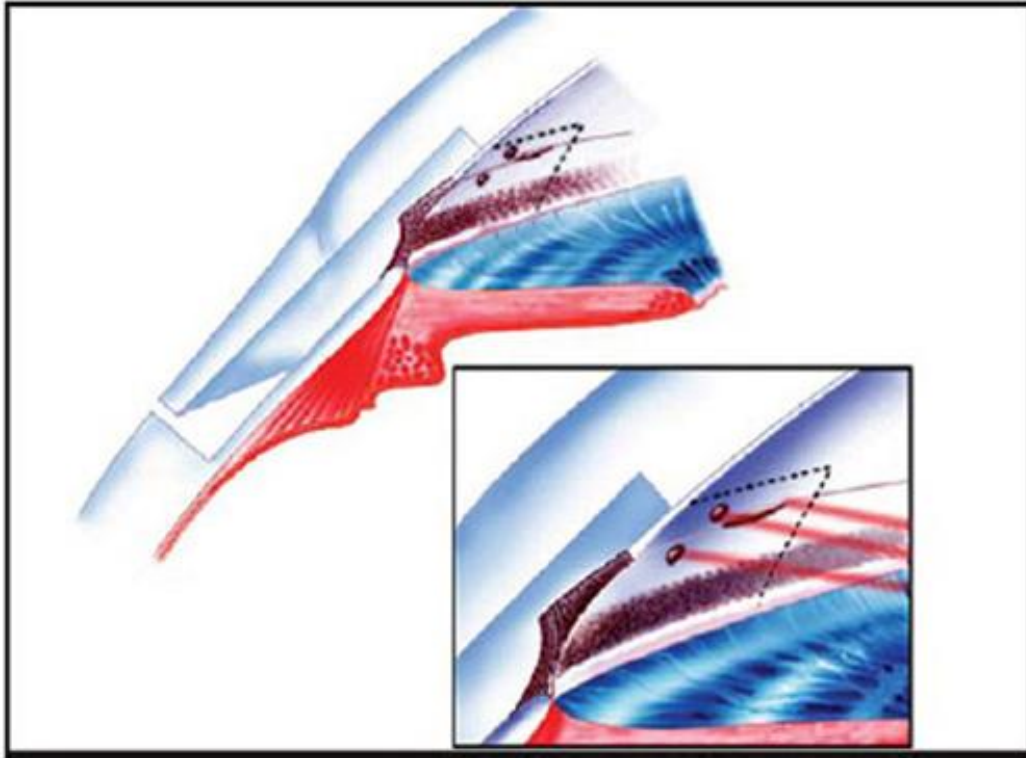
Information for patients and carers

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What Is YAG laser goniopuncture?

YAG laser goniopuncture is a complementary procedure performed after your glaucoma operation. It creates small holes through the fine window membrane that was created during surgery. This enhances the fluid outflow, to help reduce the intraocular pressure (pressure inside the eye).



This picture shows the section of the front of the eye where the treatment is performed.

Around 30 to 40% of patients who have non-penetrating glaucoma surgery go on to have laser goniopuncture. For most of them, the laser treatment helps delay the need to restart glaucoma eye drops and reduce the need for further surgeries.

Details of the procedure

- You will be seated at a slit-lamp, similar to the instrument your eye doctor uses to examine your eyes.
- Anaesthetic eye drops will be applied to make you comfortable, and the doctor will place a contact lens on your eye to help focus the laser beam.
- The laser treatment only takes a few minutes.

What are the risks?

Complications following this procedure are very rare and usually mild. You can go home after the procedure and will be seen again in a few months for a check-up.

However, if you experience any severe pain or redness of your eyes or have any other concerns, we will give you an urgent clinic appointment or see you out of hours in the Emergency Department (A&E), as needed.

Please remember...

This laser treatment does not improve vision and you will need to continue with your glaucoma drops, if you use any, unless the doctor instructs you to stop them.

We recommended you:

- avoid rubbing your treated eye
- attend the post-laser follow-up appointments

Contacts and further information

Contact numbers

Contact the Ophthalmology Department directly with any concerns about your care or changes in your condition – 01925 635911.

Useful websites and documents

- North Cheshire and Mersey NHS Foundation Trust
www.northcheshireandmersey.nhs.uk/