

LiGHT STUDY
(Laser in Glaucoma and Ocular Hypertension)

 **A big thank you for your continued participation in the LiGHT Trial.** 

The Chief Investigator (Mr Gus Gazzard) and LiGHT Team are please to inform you that the findings of the LiGHT Trial have been published in several journals This is all thanks to you for participating and continuing to provide your clinical data to help improve clinical practice and quality of life for patients with Glaucoma and Ocular Hypertension around the country.

Publication list:

Main report of the trial to the funder (NIHR HTA)

1. Selective laser trabeculoplasty versus drops for newly diagnosed ocular hypertension and glaucoma: the LiGHT RCT. Gazzard G, Konstantakopoulou E, Garway-Heath D, Garg A, Vickerstaff V, Hunter R, Ambler G, Bunce C, Wormald R, Nathwani N, Barton K, Rubin G, Morris S, Buszewicz M. Health Technol Assess. 2019 Jun;23(31):1-102 (<https://www.ncbi.nlm.nih.gov/pubmed/31264958>)

Main results paper

2. Selective laser trabeculoplasty versus eye drops for first-line treatment of ocular hypertension and glaucoma (LiGHT): a multicentre randomised controlled trial. Gazzard G, Konstantakopoulou E, Garway-Heath D, Garg A, Vickerstaff V, Hunter R, Ambler G, Bunce C, Wormald R, Nathwani N, Barton K, Rubin G, Buszewicz M; LiGHT Trial Study Group. Lancet. 2019 Apr 13;393(10180):1505-1516. (<https://www.ncbi.nlm.nih.gov/pubmed/30862377>)

Clinical outcomes of SLT

3. Primary Selective Laser Trabeculoplasty for Open-Angle Glaucoma and Ocular Hypertension: Clinical Outcomes, Predictors of Success, and

Safety from the Laser in Glaucoma and Ocular Hypertension Trial. Garg A, Vickerstaff V, Nathwani N, Garway-Heath D, Konstantakopoulou E, Ambler G, Bunce C, Wormald R, Barton K, Gazzard G; Laser in Glaucoma and Ocular Hypertension Trial Study Group. *Ophthalmology*. 2019 Sep;126(9):1238-1248.

(<https://www.ncbi.nlm.nih.gov/pubmed/31028768>)

Baseline patient characteristics, trial design & statistical analysis plan

4. The Laser in Glaucoma and Ocular Hypertension (LiGHT) trial. A multicentre randomised controlled trial: baseline patient characteristics. Konstantakopoulou E, Gazzard G, Vickerstaff V, Jiang Y, Nathwani N, Hunter R, Ambler G, Bunce C; LiGHT Trial Study Group. *Br J Ophthalmol*. 2018 May;102(5):599-603

(<https://www.ncbi.nlm.nih.gov/pubmed/28982956>)

5. Laser in Glaucoma and Ocular Hypertension (LiGHT) trial. A multicentre, randomised controlled trial: design and methodology. Gazzard G, Konstantakopoulou E, Garway-Heath D, Barton K, Wormald R, Morris S, Hunter R, Rubin G, Buszewicz M, Ambler G, Bunce C; LiGHT Trial Study Group. *Br J Ophthalmol*. 2018 May;102(5):593-598.

(<https://www.ncbi.nlm.nih.gov/pubmed/28903966>)

6. Statistical analysis plan for the Laser-1st versus Drops-1st for Glaucoma and Ocular Hypertension Trial (LiGHT): a multi-centre randomised controlled trial. Vickerstaff V, Ambler G, Bunce C, Xing W, Gazzard G; LiGHT Trial Study Group. *Trials*. 2015 Nov 11;16:517.

(<https://www.ncbi.nlm.nih.gov/pubmed/26559142>)

PRESS RELEASES

<https://www.glaucoma.org/news/uk-research-study-reports-laser-based-glaucoma-treatment-is-more-successful-and-cost-effective.php>

<https://discover.dc.nihr.ac.uk/content/signal-000774/early-glaucoma-laser-eye-treatment-trabeculoplasty?print=yes>

Questionnaires: The Questionnaire return rates for the primary outcome for LiGHT extension range from 86% to 91% for up to 72 months of monitoring which is excellent, thank you for continuing to complete this. Please, please continue to complete and return the questionnaires in the self-addressed envelope provided.

The LiGHT Team will be sending out Quality of Life Questionnaires to you every 6 months. Please complete these and send back in the pre-paid envelope or you can complete at the *following web addresses:*

54 month: <https://opinio.ucl.ac.uk/s?s=44943>

60 month: <https://opinio.ucl.ac.uk/s?s=49675>

66 month: <https://opinio.ucl.ac.uk/s?s=49677>

72 month: <https://opinio.ucl.ac.uk/s?s=49678>

Please inform us if you change address or telephone numbers. You can call the team or send an email to the address below

LiGHT Extension: 3yrs  6yrs follow-up

The LiGHT trial has 11 more months remaining until all patients complete 6 years of monitoring. 88 patients have reached 72 months and exited the extension study.

News: We would like you to have the opportunity to be invited to future studies and will be asking for you to consider to consent to the below.

‘I give permission for Moorfields Eye Hospital to contact me in future with the invitation to join in further studies should



You can find information on the LiGHT Trial and team at the following web address

<https://www.ucl.ac.uk/ioo/research/research-labs-and-groups/light-study>

Glaucoma Top Tips: IMPORTANT

Driving: Most people with glaucoma will be able to drive safely for many years. But, if you have been diagnosed with glaucoma in both eyes, you will need to report your condition to the DVLA who may require you to have further tests. If concerned about reports of faulty visual field test, read the IGA statement.

Family: It is strongly advised to inform family members if you suffer from Primary Open Angle Glaucoma/OHT as it can run in the family. First degree relatives (parents, siblings, and children) of patients with glaucoma get a free sight test at the opticians on the NHS every year if they are aged over 40.

Useful Linkss

- [Glaucoma association advice on driving](#)
- [Royal National Institute for the Blind](#)
- [NHS page on Glaucoma](#)
- [Glaucoma Association website](#)
- [College of Optometrists advice on glaucoma](#)
- [Moorfields Eye Hospital advice on glaucoma](#)
- [Fight for Sight website](#)
- [UK Government advice on glaucoma](#)



Please note our email has changed to NHS NET (Please see below)

LiGHT Trial Staff

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Wishing you all a Healthy and Happy 2020!