

Dr Leon Au



Leon graduated from the University of Nottingham in 1998 with an Ophthalmology prize of the year. He completed 8 years of general ophthalmology training in Nottingham and Manchester before undertaking separate subspecialty training fellowships in glaucoma, cornea and refractive surgery.

In 2009 he was appointed as a dual speciality consultant in the Manchester Royal Eye Hospital specialising in both glaucoma and cornea. Leon has a large and busy NHS practice covering a wide range of pathology and complexity. He runs a tertiary referral service covering the whole of the North West region and beyond.

Leon's major area of expertise lies within the field of glaucoma surgical treatment. He is internationally renowned as a leader in the field of innovative glaucoma surgical treatment and he was the first surgeon in the UK to adopt minimally invasive glaucoma surgery (MIGS) into his clinical practice. For over a decade Leon has adopted many innovative technologies to enhance outcome and safety in glaucoma surgery. Leon acts as an advisor for various glaucoma surgical companies in the development and the evaluation of new glaucoma treatments. He is a co-chair for the associate advisory board for the International Society of Glaucoma Surgery and was amongst the founding class of surgeons internationally to be awarded the Fellow of Glaucoma Surgery. He also serves as a specialist advisor for the National Institute of Clinical Excellence (NICE) in the field of glaucoma surgery.

Apart from his busy clinical practice Leon is also the principal investigator for many multi centred clinical trials evaluating the effectiveness of glaucoma surgical treatment. His research involvement in pioneering glaucoma surgeries like the Hydrus Microstent and the ground-breaking EyeWatch glaucoma drainage implant was featured in the press, BBC radio and TV documentary. He publishes his clinical research regularly in peer reviewed journals and is also a co-author in a textbook titled Minimally Invasive Glaucoma Surgery. He lectures in both national and international scientific meetings including the Royal College of Ophthalmology congress, UK and Eire Glaucoma Society meeting, European Glaucoma Society meeting, World Glaucoma Congress, European Society of Cataract and Refractive Surgery and Internal Symposium of Glaucoma Surgery.

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Media links:

Article: Glaucoma treatments explained

<https://research.cmft.nhs.uk/news-events/blog-glaucoma-the-silent-thief-of-sight>

News article: Hydrus Microstent research

<http://rochdaleonline.co.uk/news-features/2/news-headlines/117026/greater-manchester-trust-treats-first-patients-outside-of-usa-with-groundbreaking-device-the-size-of-an-eyelash>

TV news appearance: Hydrus Microstent research

<https://m.youtube.com/watch?v=S6CTPQ6Td5k>

News article: Eyewatch glaucoma implant clinical trial

<https://research.cmft.nhs.uk/news-events/manchester-patients-are-first-in-the-uk-to-trial-new-glaucoma-treatment>

TV, news and radio appearance: Eyewatch glaucoma implant clinical trial

<https://youtu.be/ejcm1HYE-WI>

<https://www.bbc.co.uk/programmes/articles/3dZ3HTV7RJ4ZDS3ZZYkfhK/saving-sight-a-new-treatment-for-glaucoma>

<https://www.bbc.co.uk/programmes/b0bf4c71>