

OUR DOCTORS



Dr Devinder Chauhan

MBBS MD FRCOPHTH FRANZCO

Dr Devinder Chauhan is an eminent retinal ophthalmologist with over 25 years of experience. He has specific expertise in the medical treatment of retinal, macular, and vitreous conditions and routinely performs eye (intravitreal) injections and laser treatment. Dr Chauhan treats a broad array of retinal conditions, including macular degeneration, diabetic retinopathy, retinal vein occlusion. He is fluent in English and Hindi.

BACKGROUND

Dr Chauhan received his Bachelor of Medicine and Surgery from the University of London. He then underwent training as a junior neurosurgeon and cardiothoracic surgeon at St Thomas' Hospital. During this time, Dr Chauhan trained under the stewardship of Mr Tony Chignell, a globally renowned vitreoretinal surgeon who inspired Dr Chauhan to specialise and become an ophthalmic surgeon.

Following this, Dr Chauhan completed his senior ophthalmic training at Moorfields Eye Hospital where he was fortunate enough to receive further training from internationally prominent sub-specialist ophthalmologists. Dr Chauhan continued to subspecialise with an additional three years of training in retinal medicine and surgery at the Royal Victorian Eye and Ear, Bristol Eye, and Moorfields Eye Hospitals. Later, in 2006, he and his family moved to Australia, where he has been practising since.

Dr Chauhan has conducted groundbreaking research in ophthalmology. Using the first-ever Optical Coherence Tomography (OCT) machine in Europe, Dr Chauhan interpreted images of the retina using OCT. This research formed the basis of his doctoral thesis. The published findings have received over 150 citations from other research papers, leading Dr Chauhan to travel to France, Switzerland, the USA, and around Australia to present his findings.

Dr Chauhan's parallel career is as the founder of Macuject, an international AI-powered digital health company with clinical decision support software products for the management of all AMD by both optometrists and ophthalmologists.

The clinical research output of this venture includes ten ARVO presentations and seven manuscripts in preparation.

Dr Chauhan is also passionate about teaching. Since 2007, he has been an honorary lecturer with the Centre for Eye Research Australia. He also trains optometrists, junior doctors, and orthoptists. Dr Chauhan's dedication to education also extends to volunteer work. He volunteered with the Myanmar Eye Care Project, where he trained local eye surgeons in vitreoretinal surgery.

PROFESSIONAL MEMBERSHIPS

- Fellow of the Royal College of Ophthalmologists UK (FRCOphth)
- Member of the American Academy of Ophthalmologists (AAO)
- Member of the American Society of Retina Specialists (ASRS)
- Member of the Association for Research in Vision and Ophthalmology (ARVO)
- Member of the Oceania Retinal Association
- Member of the European Society of Retina Specialists (EURETINA)

AWARDS

- First retinal specialist in the world to attempt to prevent the progression of age-related maculopathy to age-related macular degeneration (AMD) by applying extremely short pulses of laser to the macular, as part of an international study
- Regularly attends and presents at conferences in Australia and overseas
- MD research and leading authority in OCT interpretation
- Founder of Macuject, recipient of \$1.9m funding from Medical Research Future Fund (MRFF)

TEACHING

- Honorary Lecturer, Centre for Eye Research Australia, 2007 – present
- Volunteer role teaching vitreoretinal surgery to local eye surgeons, Myanmar Eye Care Project, Myanmar

LOCATIONS

BORONIA

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