

DR. KARAN ANNAPUR KUMARSWAMY

Consultant - Vitreo Retina Services

Qualification

MBBS | DNB | FVRS

Overview

Dr. Karan Annapur Kumarswamy is an experienced ophthalmologist in Bangalore. He is currently practising as Consultant – Vitreo Retina Services at Manipal Hospital, Old Airport Road. With over a decade of experience in ophthalmology and extensive training in surgical and medical management of retinal disorders, he is committed to delivering precise, patient-centred eye care using advanced diagnostic and treatment techniques. His core expertise lies in treating complex retinal and posterior segment conditions, including Diabetic Retinopathy, Retinal Vein Occlusions, Retinal Detachments, Retinal Dystrophy, Posterior Uveitis, Polypoidal Choroidal Vasculopathy, and Segment Trauma, making him a trusted specialist for patients with retinal diseases. Dr. Karan holds an MBBS degree, followed by a DNB in ophthalmology, and completed a Vitreoretinal Surgery Fellowship (FVRS). His academic background is backed by years of hands-on clinical and surgical experience, particularly in managing complex retinal pathologies. At Manipal Hospitals, Dr. Karan combines advanced technology with an evidence-based approach to deliver optimal outcomes for each patient. His detailed assessment and targeted therapies help preserve vision and improve the quality of life for patients living with diabetes-related retinal complications. Dr. Karan specialises in managing diabetic eye disease, including advanced diabetic retinopathy. He is adept at performing laser photocoagulation, intravitreal anti-VEGF injections, and surgical interventions for vitreous haemorrhage and tractional retinal detachment. He also routinely manages retinal vascular disorders such as central and branch retinal vein occlusions. His treatment strategies involve a combination of medical therapy, laser, and intravitreal injections to reduce macular oedema and prevent further visual loss. His expertise in addressing posterior segment trauma includes the surgical repair of globe injuries and management of intraocular foreign bodies. Dr. Karan leverages advanced imaging tools like OCT (Optical Coherence Tomography), FFA (Fundus Fluorescein Angiography), and B-scan ultrasonography to precisely guide treatment decisions. He follows a patient-first approach, ensuring that each individual fully understands their condition and treatment options. His consultations are marked by empathy, clear communication, and thorough care plans tailored to the unique needs of every patient. Dr. Karan stays actively engaged in continued medical education and remains updated with the latest vitreoretinal surgery and medical retina care developments. Dr. Karan speaks English, Kannada, Hindi, Tamil, and Malayalam, which allows him to communicate effectively with patients from diverse backgrounds. His compassionate approach and surgical excellence make him one of the leading vitreoretinal specialists in Bangalore.

Fellowship & Membership

- Fellowship at Aravind Eye Hospital

Field of Expertise

- Diabetic Retinopathy
- Vein Occlusions

- Retinal Detachment
- Posterior Segment Trauma
- Retinal Dystrophy
- Posterior Uveitis
- Polypoidal Choroidal Vasculopathy

Languages Spoken

- English
- Kannada
- Hindi
- Tamil
- Malayalam

Talks & Publications

- Low Fluence Photodynamic Therapy Versus Graded Subthreshold Transpupillary Thermotherapy for Chronic Central Serous Chorioretinopathy: Results From a Prospective Study.
- Manayath GJ, Karandikar SS, Narendran S, Kumarswamy KA, Saravanan VR, Morris RJ, Venkatapathy N. Ophthalmic Surgery, Lasers & Imaging Retina, 01 Apr 2017, 48(4):334-338 DOI: 10.3928/23258160-20170329-08 PMID: 28419399.
- Outcome of relaxing retinectomies in the management of failed rhegmatogenous retinal detachment surgery cases with proliferative vitreoretinopathy changes.
- Subash Bhatta, Veerappan R. Saravanan, Karan Annapur Kumarswamy, Nayana Pant, & Ajit Thakur Eye (2020). <https://doi.org/10.1038/s41433-020-0781-8>.
- D'Souza P, Verghese S, Ranjan R, Kumarswamy K, Saravanan VR, Manayath GJ, Narendran V. Optic Disc Pit Maculopathy: One-Year Outcomes of Pars Plana Vitrectomy with Foveal Sparing Inverted Internal Limiting Membrane Flap. Cureus. 2021 Mar 23;13(3):e14057. doi 10.7759/cureus.14057. PMID: 33777588; PMCID: PMC7986164.
- Shalini B, Velayudhan Nair A, Periasamy M, Kumarswamy K, Dsouza PN. Inadvertent globe penetration due to self-attempted eyeball tattooing. Indian J Ophthalmol Case Rep 2022;2:128-30.
- Gosalia H, Kumar KM, Karan AK, Saravanan VR, Shah VM. Comparison of glaucomatous from non-glaucomatous optic neuropathy using Bruch's membrane opening minimum rim width optical coherence tomography measurements. Indian J Ophthalmol. 2023 Aug;71(8):3005-3009. doi: 10.4103/IJO.IJO_3171_22. PMID: 37530273.
- Manayath GJ, Amar SP, Vidhate SS, Kumarswamy KA, Venkatapathy N. Full thickness macular hole with subfoveal pigment epithelial detachment in chronic central serous chorioretinopathy: A therapeutic challenge. Oman J Ophthalmol. 2023 Jun 27;16(2):336-341. doi: 10.4103/ojo.ojo_261_22. PMID: 37602183; PMCID: PMC10433045.