

CURRICULUM VITAE

Dr. KSHITIZ KUMAR

MS (Ophthalmology)

Honours in Ophthalmology

FRCS (Glasgow, UK)

Fellow Vitreo-Retinal Surgery (LVPEI, Hyderabad)

Fellow All India Council of Ophthalmologist (Retina & Vitreous, FAICO)

**European School for Advanced Studies in Ophthalmology (ESASO) certification in Medical Retina
Reg. No – WBMC 60517**

Former Consultant Disha Eye Hospital, Kolkata

Former Consultant Dr.Agarwal's Eye Hospital Chennai & Kolkata

Former Visiting Retinal Surgeon Dr.Agarwal's Eye Hospital – Zambia, Nigeria, Rwanda, Uganda

Former Senior Retinal Surgeon, Phnom Penh, Cambodia

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Dr. Kshitiz Kumar is Director of **IKSHANA EYE CARE**, Kalikapur, Kolkata. He is working as Vitreo-Retinal Consultant at **Netralayam Superspeciality Eye care Centre (Mukundapur & VIP), Trenetralaya CIT Road, Amulaya Jyoti Eye Foundation, Global Eye Hospital & Dr.Nihar Munshi Eye Foundation** Kolkata. He worked as Senior VR Surgeon in Disha Eye Hospital, Kolkata from 2018 till April 2022.

He worked as Vitreo-Retinal Surgeon for 6 years with Dr.Agarwal's Eye Hospital, Chennai & Kolkata (2013 – 2018). During the tenure he was a visiting Retinal surgeon to various international centres in Africa (Nigeria, Rwanda, Uganda & Zambia). He also helped in establishing Retina services in a Centre of Excellence, Phnom Penh in Kingdom of Cambodia between 2014-2015.

He did his MBBS from prestigious **Calcutta Medical College in 2005**, post – graduation in Ophthalmology from **University College of Medical Sciences (UCMS), Delhi in 2009**. He worked as Senior resident in Retina unit at UCMS & GTBH, New Delhi (2009-2010). He completed long – term research – cum – clinical fellowship in Surgical Vitreoretinal disorders from prestigious **LV Prasad Eye Institute, Hyderabad 2011 & 2012**. He acquired his **FRCS (Glasgow)** degree in 2014, **FAICO (Retina)** degree in 2011. He completed the Medical Retina training module sponsored by **European School for Advanced Studies in Ophthalmology (ESASO)** from Singapore in 2017.

He is a clinician – cum – surgeon – cum academician par excellence having performed over 5000 vitreo – retinal retinal surgeries (Retinal Detachment surgery, Diabetic Vitrectomy, Macular Hole surgery, Scleral Buckling, Combined Phaco – vitrectomy, Glued IOL & Scleral Fixated IOL) and Phacoemulsification over 14 years. His area of special interest is Macular Surgeries.

To his credit, he has pioneered modified surgical techniques for closing :

- Lamellar Macular Holes and has published the first original study & paper from India : *Modified surgical technique for lamellar macular holes with lamellar hole-associated epiretinal proliferation (LHEP)*. Kumar K, Sinha TK, Bhattacharya D. *Int Ophthalmol*. 2021 Jun;41(6):2197-2204.
- Rare Double Optic – Disc Pits and has published original Surgical Technique from India : *Unilateral double optic nerve head pits with foveo-schisis detachment treated by modified internal limiting*

membrane peeling technique. Kumar K, Bhattacharya D. *Indian J Ophthalmol.* 2022 Mar;70(3):1054-1057.

Besides he is an avid researcher with over 23 publications in peer – reviewed indexed national & international journals on various medical & surgical topics in Retina. He is a regular reviewer for many journals like Case Reports in Ophthalmology, Ophthalmology Retina, Cureus, MEAJO.

He is a decorated surgeon having won numerous medals & awards for his Free paper, poster presentation & Quiz :

Medal: Dr. D.B. Chatterjee & Smt. Sudharani Devi Memorial SILVER Medal in Ophthalmology for best outgoing student of 3rd Prof. MBBS Examination by securing highest marks, 2003 amongst the students of the college.

Certificate : DISTINCTION In Ophthalmology in MBBS Part -1

1. Dr. B N Gupta Award (2022) – *Annual Eastern India Zonal Ophthalmologic Congress (EIZOC) Conference*– for Best Poster titled "Retinal Vaso-occlusive Ophthalmic Manifestations of Systemic Lupus Erythematosus"
2. Dr. B K Mitra Memorial Award (2021) - *Annual Ophthalmological Society of West Bengal (OSWB) Conference* – for Best Free Paper titled "Correlation between UWFA and OCTA in retinal Vein Occlusion post loading doses of Anti – VEGF in RINSE Study"
3. Dr. A B Basu Memorial Award (2020) - *Annual Ophthalmological Society of West Bengal (OSWB) Conference* – for Best Poster titled "Severe Vaso-occlusive Retinopathy in Systemic Lupus Erythematosus"
4. Sri Jogindra Nath Chatterjee Memorial Award (2019) - *Annual Ophthalmological Society of West Bengal (OSWB) Conference* – for Winner of Quiz competition
5. Platinum Jubilee Award (2018) - *Ophthalmological Society of West Bengal (OSWB), COLLABORATE Conference* - for Best Free Paper titled "Risk Factors for poor Visual Outcome following Inverted ILM Flap Technique in Large Macular Holes"

He is an avid Tennis player with winners of many Trophies.

He is member of many societies :

Vitreo – Retina Society of India, VRSI – K 631

All India Ophthalmological Society, AIOS – K 13309

Ophthalmological Society of West Bengal, OSWB – K 1157

European Society of Retina Specialists, EURETINA – 6775

EIZOC – E/WB/0838

Publications

1. **Retinal Artery Macroaneurysm.** Kumar V, Kumar K, Chanana B, Rohatgi J. *Retina DOS Times* 2010; 16(5):19-22. {2nd author}
2. **Congenital ectropion uveae with iris coloboma and telecanthus.** Kumar V, Kumar K, Chanana B, Rohatgi J, Gupta VP. *Cont Lens Anterior Eye.* 2011 Jun; 34(3):147-8. {2nd author}
3. **Causes of sub-optimal cataract surgical outcomes in patients presenting to a teaching hospital.** Kumar K, Gupta VP, Dhaliwal U. *Nepal J Ophthalmol.* 2012 Jan; 4(7):73-9. {1st author, Submitted as postgraduate thesis to Delhi University}
4. **Review of endogenous endophthalmitis during pregnancy including case series.** Sahu C, Kumar K, Sinha MK, Venkata A, Majji AB, Jalali S. *Int Ophthalmol.* 2013 Oct; 33(5):611-8. {2nd author}
5. **Sympathetic Ophthalmia in Pediatric Age Group: Clinical Features and Challenges in Management in a tertiary centre in Southern India.** Kumar K, Mathai A, Murthy SI, Jalali S, Sangwan V, Reddy Pappuru R, Pathangay Y. *Ocul. Immunol.Inflamm.* 2014 Oct;22(5):367-72. {1st author, Presented as Physical Poster at IAPB,2012}
6. **Spectral-domain optical coherence tomography features in fellow eyes of patients with idiopathic macular hole.** Chhablani J, Kumar K, Ali TR, Narayanan R. *Eur J Ophthalmol.* 2014 May-Jun;24(3):382-6. {2nd author, Presented as Free Paper at EURETINA 2012 and Physical Poster at AIOC 2013}
7. **OCULAR MANIFESTATIONS IN HYPERORNITHINEMIA-HYPERAMMONEMIA-HOMOCITRULLINURIA SYNDROME: A RARE ASSOCIATION.** Kumar K, Agarwal A, Agarwal A, Dhawan A, Chandani N, Raj P. *Retin Cases Brief Rep.* 2015 Spring;9(2):134-7. {1st author}
8. **A randomised, double-masked, controlled study of the efficacy and safety of intravitreal bevacizumab versus ranibizumab in the treatment of macular oedema due to branch retinal vein occlusion: MARVEL Report No. 1.** Narayanan R, Panchal B, Das T, Chhablani J, Jalali S, Ali MH; *MARVEL studygroup.* *Br J Ophthalmol.* 2015 Jul;99(7):954-9. {Protocol Editor}
9. **Clinical outcomes of double membrane peeling with or without simultaneous phacoemulsification/gas tamponade for vitreoretinal-interface-associated (VRI) disorders.** Kumar K, Chandnani N, Raj P, Agarwal A. *Int Ophthalmol.* 2016 Aug;36(4):547-56. {1st Author}
10. **Retinal Neovascularisation in Susac Syndrome: A Rare Complication.** Kumar K, Jariwala B, Raj P, Agarwal A. *Semin Ophthalmol.* 2016 Apr 29:1-4. {1st author}
11. **Secondary Angle-Closure Glaucoma Due to Posterior Synechiae of Iris Following Combined Phacoemulsification and 23-Gauge Transconjunctival Vitrectomy.** Raj P, Kumar K, Chandnani N, Agarwal A, Agarwal A. *Semin Ophthalmol.* 2016 Apr 29:0. {Corresponding Author}

12. **Intravitreal Dexamethasone Implant (Ozurdex) with Panretinal photocoagulation for Adult - Onset Coats's Disease.** Kumar K, Raj P, Chandnani N, Agarwal A. *Int Ophthalmol.* 2019 Feb;39(2):465-470. {1st author}
13. **Variable clinical profile of foveal hypoplasia in albinism.** Kumar K, Boral SK, Agarwal D, Goswami A, Sinha TK, Bhattacharya D. *Indian J Ophthalmol.* 2020 Apr;68(4):649-651. {1st author}
14. **Lenticular burns following PASCAL photocoagulation.** Kumar K, Ganguly A, Sinha TK, Bhattacharya D. *Indian J Ophthalmol.* 2020 May;68(5):908-909. {1st author}
15. **Clinical characteristics and treatment outcomes of angioid streak associated choroidal neovascular membrane (AS-CNV): a Zambian case series.** Kumar K, Balasubramaniam S, Agarwal A. *Pan Afr Med J.* 2020 Aug 17;36:294. {1st author}
16. **Acquired tractional retinoschisis with giant outer - layer break underneath macula.** Kumar K, Balasubramaniam S, Geetha CS, Agarwal A. *Indian J Ophthalmol.* 2020 Oct;68(10):2241-2243. {1st author}
17. **Severe Vaso-Occlusive Retinopathy in Systemic Lupus Erythematosus: A Case Series.** Kumar K, Dan S, Sinha TK, Bhattacharya D. *Cureus.* 2021 Jan 30;13(1):e13019. {1st author}
18. **Incidence of Paradoxical Neurosensory Detachment in Diabetic Eyes Undergoing Hemodialysis for End-Stage Renal Disease.** Kumar K, Balasubramaniam S, Raj P, Agarwal A. *Cureus.* 2021 Apr 28;13(4):e14739. {1st author}
19. **Intraocular pressure fluctuation following intravitreal dexamethasone implant and incidence of secondary ocular hypertension: a Zambian perspective.** Raj P, Kumar K, Balasubramaniam S, Geetha CS, Agarwal A. *Pan Afr Med J.* 2021 Jun 6;39:108. {2nd & corresponding author}
20. **Modified surgical technique for lamellar macular holes with lamellar hole-associated epiretinal proliferation (LHEP).** Kumar K, Sinha TK, Bhattacharya D. *Int Ophthalmol.* 2021 Jun;41(6):2197-2204. {1st author}
21. **Unilateral double optic nerve head pits with foveo-schisis detachment treated by modified internal limiting membrane peeling technique.** Kumar K, Bhattacharya D. *Indian J Ophthalmol.* 2022 Mar;70(3):1054-1057. {1st Author}
22. **A rare finding of lamellar macular hole with lamellar hole-associated epiretinal proliferation in retinal vein occlusion**
Kumar K, Sinha Tushar K, Bhattacharya Debashish. *Indian J Ophthalmol Case Reports.* 2022;Vol.2,Issue2: 440-442. {1st Author}
23. **Optical coherence tomography angiography in type III retinal astrocytic hamartoma.** Kumar K, Sinha Tushar K, Bhattacharya Debashish. *Indian J Ophthalmol Case Reports.* 2022;Vol.2,Issue2: 589-591. {1st Author}