

DR. ARCHANA KUMARI

Consultant - Ophthalmology and Retina Surgery

Qualification

MBBS | MS | FVRS (Fellowship in Vitreous Retina Surgery)

Overview

Dr. Archana Kumari is an Associate Consultant in the Department of Ophthalmology at Bhagwan Mahavir Manipal Hospital, Ranchi. Dr Archana Kumari is an acclaimed, dynamic Phaco and Vitreo Retina surgeon with experience of more than half a decade in retinal diseases. After doing her MBBS from Medical College Kolkata, she did her MS in ophthalmology from Kolkata, where she was the best performer in her batch with many accolades to her credit. This was followed by super-specialisation, a long-term surgical fellowship in Vitreo-Retinal diseases. She has undergone training in leading National and International eye hospitals, namely Sankara Nethralaya, Kolkata; CBM-sponsored Lahan and Biratnagar Eye Hospital; Aravind Eye Hospital, Coimbatore and LVPEI, Hyderabad. She is known for her outstanding surgical and medical outcomes (including a myriad of intravitreal injections and laser procedures) and has gifted vision to more than 5000 eyes via more than 2000 retinal surgeries. Dr. Kumari has contributed to various national and international peer-reviewed journals, including a study on the role of systemic hypertension in ocular disease and cases involving diabetic retinopathy, a review on

Macular hole surgeries, intraoperative ocular decompression retinopathy, and unique presentations of retinal conditions. She has been entrusted as a Panellist and Presenting Faculty in conferences such as AIOC2020, International conference of WOS2022, VRSI2025, KAO 2012, OSWB2013, Bengal retina congress 2024, RETNET Bangalore 2023, VIMS2013, and EROPHCON2018, JHOS, covering topics like Coloboma, retinal detachment, chandelier-assisted scleral buckling and Proliferative diabetic retinopathy, diabetic macular oedema. Her poster presentations have included cases of secondary CNVM in sickle cell disease and caterpillar hair-induced vitreous haemorrhage, among others. Dr. Kumari's dedication to ophthalmology is evident through her academic achievements, extensive research, and active participation in professional conferences, making her a respected figure in her field.

Languages Spoken

- Hindi
- English
- Bengali

Awards & Achievements

- Event - Competitive Paper Session for the name of the conference, KAO-2012 (Kolkata Academy of West Bengal)
- Event- PGT Free Paper Competition for the name of the conference OSWB-2013 (Ophthalmological College, Kolkata Society of West Bengal)
- Event- PGT Paper Presentation for the name of the conference, Annual Conference VIMS- 2012, Kolkata
- Event- Paper Presentation for the name of the conference EROPHCON- 2019

- Event- Case Presentation for the name of the conference EROPHCON- 2019
- Topic - A Rare Case Of Conjunctival Rhinosporidosis for the Name of the conference
- OSWB- 2011 (Ophthalmological Society of West Bengal)
- Topic - Correlation between optic nerve head topography by OCT with central corneal thickness and visual field in Primary Open Angle Glaucoma for Name of conference AIOS-2014 (All India Ophthalmological Society)
- Topic- Comparative study of grid laser and combined treatment in Diabetic macular oedema. Co-author Name of conference: AIOS-2014 (All India Ophthalmological Society)
- Facial Paralysis: A Rare Presentation Of Rhabdomyosarcoma. Co-author Name of conference AIOS-2014 (All India Ophthalmological Society)
- Choroidal mass in young, immunocompetent female: can it be tuberculoma, FP-1249, Name of the conference: AIOS-2020, Poster
- Vitreous haemorrhage as a late manifestation of caterpillar hair. Fl Name of the conference: AIOS-2020
- Efficacy of primary autologous serum in ellipsoid zone regeneration in chronic large macular hole AIOS-2020
- Manjulpanth gold medal award for best video for retinal surgical work
- Panellist and presenting faculty at the International Conference of Women's Ophthalmological Society
- Multiple presentations in JHOSCON 2022, 2023, 2024, along with being a panellist and chairperson
- Coloboma RD management in Bengal Retina Congress, 2024
- Scleral Buckling Revisited in Retnet Bangalore,2023
- Coloboma RD laser vs non-laser approach in 2025
- Secondary cnvm in sickle cell disease in vrsi,2025

Talks & Publications

- Role of Systemic Hypertension in Ocular Disease in the journal of the Vivekananda institute of medical sciences, VOL. 36 (1) 2013, ISSN 0970-4396
- Diabetic Retinopathy in 'Journal of the Vivekananda Institute of Medical Sciences': Under review
- Intraoperative Ocular Decompression Retinopathy during 23G transconjunctival vitrectomy in "International Medical Case Reports Journal" 2019:12 389-382
- Rare Presentation of Spontaneous, Direct, Carotid Cavernous Fistula in Late Pregnancy: A Case Report, Ophthalmology Clinics & Research OCR, 2 (2): 73-77. Published August 06, 2019
- Inverted temporal internal limiting membrane flap technique for chronic large traumatic macular hole, GMS Ophthalmology Cases, Manuscript ID-OC-2019-0033, Accepted for publication
- Unique case of development of central Retinal vein occlusion in diabetic papilledema, Birat Journal of Health Sciences, ORCID ID: h_ps://orcid.org/0000-0001-7930-9446, Vol 4/No.3/Issue 10/ Sep-Dec, 2019
- Choroidal mass in a young, immunocompetent female: can it be a tuberculoma?
- Kathmandu University Medical Journal, manuscript ID-c2019101331, Under review.
- Variable Presentation Of Diabetic Papillopathy And Treatment Dilemma - Case Series, Nepal Journal of Ophthalmology, Under Review
- Retinopathy Of Prematurity Review Article In Jhos Journal, 2024
- Carotid Cavernous Fistula In Jhos Journal, 2024