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Cataract Cornea & Refractive Services, HR Aravind Eye Hospital, Thanjavur

Clinical & Research Interests

- Corneal diseases: Dry Eye, Sjogren's, Meibomian Gland Dysfunction, Keratoconus ;Refractive surgery, Phakic IOLs, Keratoprosthesis; Lamellar and Penetrating Keratoplasty, SLET; Femtosecond cataract surgery, Eye banking

Education

1. MicroMasters in Clinical Epidemiology – University of Michigan (2022–2023)
2. Accelerated Management Development Certificate Program – Michigan Ross (2023)
3. Fellowship in Cornea & Refractive Surgery – Aravind, Madurai (2016–2017)
4. MS Ophthalmology – Aravind, Madurai (2009–2012)
5. MBBS – Kilpauk Medical College, Chennai (2002–2008)

Experience

1. Research Scholar – University of Michigan School of Public Health (2022–2023)
2. Medical Officer – Aravind Eye Hospital (Madurai, Tirunelveli, Chennai) since 2009
3. Observer – Kellogg Eye Institute, USA & Mass Eye and Ear, Boston

Surgical Skills

1. 2000+ refractive surgeries (LASIK, PRK, SMILE, Femto)
2. DALK, DSEK, DMEK, Optical & Therapeutic PK
3. Phaco, MSICS, Iris Claw, SFIOL, Toric & Multifocal IOLs
4. Corneal Tattooing, Patch Graft, CXL, Pterygium (Glue)
5. Keratoprosthesis, OSSN management, Combined anterior segment surgeries

Teaching & Leadership

- 5+ years of postgraduate teaching at Aravind, Chennai, Trainer for SICS, Phaco & Corneal Surgeries (trained 8 fellows)

Publications

1. Anitha, Venugopal; Christy, Josephine S; Vanathi, Murugesan; Manohar, Divya; Tandon, Radhika; Ravindran, Meenakshi. *Current perspectives on infections following refractive kerato-lenticule extraction (KLex) surgery. Indian Journal of Ophthalmology.* DOI: [10.4103/IJO.IJO_2280_24](https://doi.org/10.4103/IJO.IJO_2280_24) (April 17, 2025)
2. Christy, Josephine S.; Muraleedharan, Premjith; Bhadari, Anand H.; Nagtode, Apurva; Manohar, Divya; Gandhi, Preethika. *Confocal Microscopy in Ophthalmology—A Review. TNOA Journal of Ophthalmic Science and Research*, 61(4): 427–435, Oct–Dec 2023. DOI: [10.4103/tjosr.tjosr_113_23](https://doi.org/10.4103/tjosr.tjosr_113_23)
3. Manohar, D; Shtein, RM. *Update on pharmacotherapy for dry eye. Current Opinion in Ophthalmology*, 34(6): 550–554, Nov 2023. DOI: [10.1097/ICU.0000000000000968](https://doi.org/10.1097/ICU.0000000000000968)
4. Christy, Josephine S.; Gurnani, Bharat; Manohar, Divya. *Spontaneous regression of progressive epithelial ingrowth following femto LASIK. Indian Journal of Ophthalmology - Case Reports*, 2(1): 249–250, Jan–Mar 2022. DOI: [10.4103/ijo.IJO_569_21](https://doi.org/10.4103/ijo.IJO_569_21)
5. Christy, JS; Mathews, P; Rhagavan, A; Venugopal, A; Manohar, D; Janakiraman, A; Gandhi, P; Nallobolu, S; Akpek, EK. *Impact of COVID-19 Pandemic on Infectious Keratitis Outcomes: A Retrospective Multicenter Study in South India. Cornea*, 40(11): 1474–1481, Nov 2021. DOI: [10.1097/ICO.0000000000002829](https://doi.org/10.1097/ICO.0000000000002829)
6. Christy, JS; Kaur, K; Gurnani, B; Hess, OM; Narendran, K; Venugopal, A; Anuja, J; Manohar, D; Raman, R; Venkatesh, R. *Knowledge, attitude and practice toward COVID-19 among patients in tertiary eye hospitals in South India. Indian Journal of Ophthalmology*, 68(11): 2385–2390, Nov 2020. DOI: [10.4103/ijo.IJO_2522_20](https://doi.org/10.4103/ijo.IJO_2522_20)
7. Manohar, D. *Instruments and Supplies.* In: Henderson, B. (Ed.), *Manual Small Incision Cataract Surgery.* Springer, Cham, 2016. DOI: [10.1007/978-3-319-24666-6_2](https://doi.org/10.1007/978-3-319-24666-6_2)

