

DR. RUCHA KARAD

Consultant - Infectious Disease

Qualification

MBBS | MD MEDICINE | DM INFECTIOUS DISEASES

Overview

Dr. Rucha Karad is a dedicated Infectious Diseases Physician at Manipal Hospitals Kharadi, Pune, with specialised expertise in managing complex infections, antimicrobial stewardship, outbreak control, and transplant-related infections. With strong academic training and clinical exposure, she is committed to advancing patient care and public health in the field of infectious diseases. She completed her DM in Infectious Diseases at STM Kolkata (2022–2025), following her MD in General Medicine from a renowned Hospital, Mumbai, and MBBS from a Medical College, Pune. Her experience spans treating HIV, MDR-TB, fungal infections, congenital and pediatric infections, and transplant-associated complications. At the ART Centre in Kolkata, she managed a high volume of patients and spearheaded initiatives in infection control and antimicrobial stewardship—skills she now brings to her practice at Manipal Hospitals Kharadi. Dr. Karad is actively engaged in research and academic work, with several international presentations at prestigious forums such as ESCMID (Barcelona, 2024) and the World One Health Congress (Cape Town, 2024). She has also published in reputed journals on topics including

tuberculosis, fungal infections, tropical medicine, and the role of AI in infectious disease diagnostics. Her contributions extend beyond clinical care to policy-making, outbreak investigation, and infection prevention programs. She has received multiple international grants and observerships, gaining valuable global exposure in infectious diseases. Dr. Karad is also recognised for her achievements in academic competitions and national conferences and is an active member of leading professional societies, including IDSA, ESCMID, CIDS India, and ISHAM. At Manipal Hospitals Kharadi, she continues to deliver advanced and compassionate care to patients, combining her expertise with a patient-centric approach.

Fellowship & Membership

- IDSA – Infectious Disease Society of America.
- ESCMID - European Society of Clinical Microbiology and Infectious Diseases.
- TID – Transplant Infectious Disease ISHAM – The International Society for Human & Animal Mycology.
- ESPID - European Society for Pediatric Infectious Diseases PIDS – Pediatric Infectious Disease Society.
- CIDS INDIA – Clinical Infectious Disease Society India SASPI-Society of Antimicrobial Stewardship Practices in India World One Health Congress.

Field of Expertise

- Infection Management.
- MDR organisms.
- Fungal infections.
- TB, HIV.
- Congenital infections.

- Transplant infections.
- Antimicrobial Stewardship.
- Travel Medicine.
- Adult Vaccinations.
- Outbreak Management.

Languages Spoken

- Hindi
- English
- Marathi
- Marwari

Awards & Achievements

- 2nd rank in poster presentation at National Pediatric Infectious diseases conference, Kolkata 2022.
- Runner up in Infectious diseases quiz competition at national conference (CIDSCON 2023, Chennai).
- Winner Infectious diseases quiz competition at national conference (CIDSCON 2024, Hyderabad.

Talks & Publications

- Case Report: Unveiling the Unseen – Ocular Tuberculosis Presenting as Chalazion, Am J Trop Med Hygine, 2024 Aug 13;111(4):841–843. doi: 10.4269/ajtmh.24-0271.
- A series of three meningoencephalitis cases caused by acanthamoeba spp. from eastern India; American journal of tropical medicine and hygiene, Oct 27,2023.
- Evaluating the Performance of Artificial Intelligence in

Generating Differential Diagnoses for Infectious Diseases Cases: A Comparative Study of Large Language Models, medRxiv preprint doi: https://doi.org/10.1101/2024.06.28.24309694.

- A facial deformity treated, non-surgically - a case report; journal of dermatology & cosmetology; march 25,2024.
- Dengue hemorrhagic fever with rectus sheath hematoma: a case report; Asian pacific journal of tropical medicine;29 march 2024.
- Acanthamoeba Meningoencephalitis- The Trojan Horse or the Greek warrior, Tropical Parasitology, (Submitted).
- Invasive Aspergillosis can exist even if serum GM is false positive! Clinical problem Solving, Journal of Clinical Infectious Diseases Society (Submitted).
- A case series on intestinal tapeworms infections from eastern part of India; journal of gastroenterology & digestive systems, April 5th 2024.