

RAMEENA ANVER

Consultant Microbiologist, Edapally. Kochi. Kerala.682024, Email - ramena09@yahoo.com

A competent professional with the expertise in the use of automated methods like Vitek 2, BACTEC, CBNAAT, PCR in microbiological diagnostic methods. Able to complete complex tests, review the data and write up reports to advise whether the reports are valid and correlating with the clinical history. Specialist experience in environmental monitoring, CSSD surveillance, Biomedical waste management, outbreak management especially in the covid pandemic and implementing the corrective actions. Skilled in Infection Control Practice as a Head of the Department and was the team leader in the NABL and NABH audit. Expertise in Molecular biology for PCR methodology.

Medical Training

MBBS from Government Medical College, Thrissur, Kerala.1991

M.D. Microbiology from K.S. Hegde Medical Academy, Mangalore, Karnataka.2018

Certification And Licensure

- MBBS degree awarded from Calicut University, Kerala. Registration of MBBS from Travancore Cochin Medical Council (TCMC).
- M.D. Microbiology awarded from NITTE University (To Be Deemed), Karnataka.
- Registration of Post Graduate Degree from Travancore Cochin Medical Council (TCMC).

Work Experience

Consultant Microbiologist and Head of the Infection control Department (Avtis Super specialty Hospital. (Nemmara, Palakkad) **March 2021-till date**

Consultant Microbiologist and Lab Director in department of Molecular Biology in Sutharya Health Care and Diagnostics Perinthalmanna **November 2020 to March 2021.**

Specialist microbiologist and infection control officer in ASTER MIMS hospital (250 Bedded Super specialty Hospital) **August 2020 to November 2020**

Consultant Microbiologist in Sutharya Health Care and Diagnostics in Perinthalmanna **June 2018 to August 2020**

Core Skills

- Working with a variety of micro-organisms
- Monitored and identified micro-organisms in a variety of environment
- Ensures all products and processes complied with all relevant procedures principles and regulations
- As the Head of the department of microbiology, all the clinical methods in bacteriology, serology, virology, parasitology and mycology are monitored and reports are validated and discussed with clinicians to correlate with clinical history.
- Maintained laboratory equipment and facilities as per GLP/GMP regulations.
- Oversee the cleaning and sterilization procedures of glass ware, equipment, culture medias and facilities adhering to industry best practice protocols.
- Mentored all junior microbiologists in microbiology and molecular biology topics from sample collection to report analysis.
- As the head of the department of infection control to follow the guidelines in all infection control practices, biomedical waste management, CSSD surveillance, environmental surveillances, occupational health safety, needle stick injury and to maintain all protocols to prevent all Health care associated infections by following the care bundles.
- Documentation of NABL auditing.

Clinical Microbiologist

- Prepared, processed and established proper chronological priorities in testing different specimens such as urine, stool, CSF, Vaginal and penile discharge, pleural fluid, synovial fluids, sputum, eye and ear discharges, wounds and pus samples, blood culture samples and other specimens for microbiological analysis.
- Cultured, processed and isolated mycology specimens using techniques such as tape touch or scotch tape methods to microscopically study the molds.
- Performed internal quality control in a routine basis and external quality assessment two times a year.
- Working as a quality manager in the NABL Accredited laboratory with certified quality management training.
- Conducted the complete identification, confirmation and sensitivities on mycobacteriology sputum specimens in multidrug resistant tuberculosis by CBNAAT.
- Processing, validation and analysis of reports of serology ,ELISA, molecular biology and CBNAAT

Molecular Biology

- Open and closed systems PCR techniques
- Coordinate molecular or cellular research activities with scientists specializing in other fields
- Design molecular biology department and oversee their execution and interpret results
- Instruction of staff in use of molecular biology instrumentation laboratory procedures and safe working practices.

- Direct coordinate, organize or prioritize molecular biology laboratory activities
- Interpretation and evaluation of clinical reports
- Maintain and evaluate the quality of molecular biology test procedures and patient reports.
- Certified NABL quality auditor

Special Training

- Diagnostic virology hands on training in K.S.Hegde Medical academy in September 2015.
- One-month full time training in Clinical Virology at the Dept. of Neuro Virology, NIMHANS, Bangalore in August 2016. (India's best Virology Institute)
- Was a participant in the Microbiology International conference Microcon 2016, with Hands on training in MALDITOF-MS and have presented a paper on *Facklamia Hominis* (A rare case of liver abscess)
- International conference – Malaria in Global Health (2017)-hands on training
- Tricon –Hands on Training program in Mycology and Tuberculosis diagnostic methods in Government Medical College, Kozhikode. (2017)
- Hands on training in Hospital infection control (February 2019)
- Hands on training in Real time Quantitative micro-PCR system training conducted by Molbibo Diagnostics. (Oct 2020)
- Training on handling, safety, maintenance, and operation of OZOCYCLER-REAL TIME PCR instrument (October 2020)
- Attended training in COVID 19 molecular biology including Lab and patient safety (November 2020)

Infection Control Officer

- Worked As Head of The Department of Infection Control in A 250 Bedded Multispecialty Hospital
- Currently Working as The Head of The Department of Infection Control In Avitis Super Specialty Hospital

Tutor cum Postgraduate in K.S. Hegde Medical Academy, Mangalore, Karnataka (2015 May-2018 May).

Skills

- Media preparation, bacteriology sample processing in suitable culture media, final identification by various biochemical reactions and reporting of Antibiotic sensitivity pattern, both, conventional and Vitek 2 system (Following CLSI guidelines).
- Mycology- Routine mycology, KOH, LPCB mounting, Fungal culture and sensitivity.
- Immunology, Serology and molecular biology techniques.
- Parasitology – Stool ova and cyst identified. Saline mount, iodine mount, modified AFB staining, QBC, PCR-Malaria
- Virology – hands on training in virology institute NIMHANS, Bangalore (India's No.1 Virology institute)
- Infection control training – Hands on training in infection control practices and biomedical waste management guidelines. Updating and training of hospital staff on latest biomedical waste management protocols, occupational health monitoring, needle stick injury and post exposure prophylaxis for HIV.
- Tutor-Teaching Microbiology for MBBS, BDS, MLT and Nursing students, Conducting practical classes and evaluation of internal exam answer sheets
- Microcon 2016 – workshop on MALDITOF – MS, CME- Rapid diagnosis and point of care test. Actively participated in the conference with posture presentation.

Publications

- Publication I : IJCMAS 2017 (*Facklamia hominis*: A rare case of Liver abscess)
- Thesis submitted in 2017-Evaluation of the Rapid Card Test and Capture ELISA Tests in Diagnosis of Dengue Infection
- Publication II : IJCMAS 2018 (Evaluation of Rapid and ELISA methods in the Diagnosis of Dengue fever)
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