



REMYA HARIKRISHNAN
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EDUCATION

- Bachelor of Science Triple Main Chemistry, Botany, & Micro-Biology From AMRITA MAHAVIDYALAYA, Mysore..India (Period 2004 -2007)
- Masters in Science in Medical Micro-Biology from AMRITA School of Medicine,AIMS,Kochi.India (Period 2007-2010)

PROJECT DONE (P.G)

Determination of average turn over time (TOT) in automated blood cultures.

MEMBERSHIP

ASSOCIATION OF CLINICAL MICROBIOLOGISTS & BIOCHEMISTS
ASSOCIATION OF PROFESSIONALS IN INFECTION CONTROL

OBJECTIVE

To attain a challenging position that enables me to use my skills as well as explore new avenues to enhance myself as a professional while contributing to the organization's success.

PROFILE

A qualified professional having core experience in areas of Sterilization and disinfection, staining techniques, identification of bacteria (by Gram's staining, culture techniques, biochemical reactions, antimicrobial sensitivity testing etc), identification of fungi (by staining, culture techniques including slide culture techniques), conducting and interpreting serological tests , water cultures to detect the quality of water, Quality control in microbiology laboratories.

STRENGTHS.

Attained knowledge of Infection control Surveillance –data collection and analysis ,Infection control bundles and checklist analysis, Infection rate calculation and analysis, Biomedical waste management ,Blood and body fluid exposure management and prophylaxis, Preparation of Antibiogram, WHO NET data analysis, Outbreak management, Infection control protocol and guidelines preparation, Conducting antibiotic justification meeting with Doctors ,Providing training to Health care workers regarding standard precautions, device related BSI, UTI, VAP, Isolation precautions, basic microbiology, Training to CSSD , dietary , laundry , waste treatment and custodial staff regarding their role in infection control practices

ACHIEVEMENTS

1. Participated in 2 days work shop conducted as a part of "Biovision-2005.....Life within" organized by Department of Micro-Biology, S.B.R.R .Mahajana First Grade College, Mysore on 19th &20th September 2005.
2. Participated in city level seminar on Future Perspectives in Micro-Biology& Bio-Technology arranged at AMRITA MAHAVIDYALAYA at Mysore on 18th march 2006.
3. Participated in Seminar on " Trends in DNA Technology" organized by department of Bio-Chemistry,Bio-Technology &Micro-Biology- SBRR Mahajana First Grade College- Mysore on 18th september2006- 2007.
4. Participated in the CME programme on " Current Topics in Micro- Biology" held at AMRITA INSTITUTE of MEDICAL SCIENCES, KOCHI on 8th August,2009.CME Credit:-2I/2 hrs.
5. Participated in NARAYANAMRITAM –National Symposium on OCULAR Infections, Infection Control & Theatre Asepsis, on January 9th &10th in 2010 held at AMRITA INSTITUTE of MEDICAL SCIENCES, KOCHI.
6. Participated in the "CME on LEPROSY" organized by the Department of Dermatology, Venerology,& Leprosy at AMRITA INSTITUTE OF MEDICAL SCIENCES,KOCHI.

7. Participated in the Educational activity- The Third Hospital Epidemiology Course provided by CHRISTIAN MEDICAL COLLEGE,VELLORE from 29th November to 1st December 2010. – Total Credits :-30

Employment

1) MICROBIOLOGY TECHNOLOGIST – Al Zahara hospital –DUBAI (JCI accredited)

July 2017 – October 2017

- Isolation and identification of bacterial pathogens from clinical specimens by culture, biochemical reactions, staining techniques etc.
 - Specimens include : Urine, pus, sputum, throat swab, tissue, stool, CSF, Ear swab, BAL etc
 - Antibiotic sensitivity technique.
- Identification of Mycobacterium from clinical specimen by acid fast staining ZN staining
- Anaerobic culture technique
- Cepheid- Gene x pert PCR technique for MRSA, Pulmonary TB, Clostridium difficile, H1N1
- Urine analysis: Using Labumat- Urised, Clinitech, dipstick and manual.
- Stool analysis
- Identification of fungal pathogens by KOH, Culture, LPCB
- Blood culture technique- Bact-Alert
- Sterility checking of environmental swabs taken from high risk areas like OT, Labor room.
- Reporting critical results.
- Quality control in Microbiology lab
- Rapid Card test for detection of various Antigens like H.pylori, Rota virus, Adeno virus, Influenza, RSV, FOB, Chlamydia, Legionella, C.difficile (GDH, Toxin A& B), WIDAL, Cryptococcus, Giardia, Entamoeba.

2) MICROBIOLOGIST –The Malankara Orthodox Church Medical Mission Hospital, Kunnankulam, Thrissur, Kerala, India

March 2015 – March 2017

- Preparation of culture media
- Isolation and identification of bacterial pathogens from clinical specimens by culture, biochemical reactions, staining techniques etc.
 - Specimens include : Urine, pus, sputum, throat swab, tissue, stool, CSF, Ear swab, BAL, HVS etc
- Antibiotic sensitivity testing of isolated pathogens- Kirby baur method, E test.
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- Performing staining techniques including grams staining, Albert staining etc.
- Identification of Mycobacteria from clinical specimen by acid fast staining ZN staining. Concentration method also -culturing ON LJ medium.
- Isolation and identification of fungal pathogens from clinical samples (culture, KOH &LPCB mount).
- Slide culture techniques for fungal isolation
- Water culture.
- Sterility checking of environmental swabs taken from high risk areas like OT, Labour room.
- Serological tests
 - RA factor
 - CRP
 - ASO
 - VDRL/RPR
 - WIDAL
 - TPHA
 - ELISA
- Quality control

3) ASSISTANT INFECTION CONTROL -Al Ahalia hospital, Hamadan Street, Abudhabi- JCI ACCREDITED

May2013 – January 2015

Job Profile:

- Infection control activities based on JCI & HAAD regulations
- Performs surveillance of nosocomial infection.
- Pre-operative antibiotic prophylaxis surveillance &preparing compliance
- Calculates hospital acquired infection rates.

- AFP surveillance : Weekly Zero reporting of AFP, Measles & meningitis, and Weekly passive surveillance report for AFP are reporting to HAAD
- Periodic analysis of Needle stick injuries & other occupational exposures
- Providing trainings to the health care workers
- Develops policies and protocols for dealing with infectious diseases
- Perform internal audits for AD EHSMS programme.(Abudhabi Environment Health and Safety Management Systems)
- Provides education and training to health care personnel
- Notification of Carbapenem Resistant *Enterobacteriaceae* to HAAD
- Develops Antibiogram
- Conducting infection control meetings & preparing minutes
- Conducting environmental surveillance.
- Monitoring & preparing compliance to hand hygiene facility
- Monitoring staff health including staff vaccination.

4) Infection Control Assistant: Amrita Institute of Medical Science (AIMS) KOCHI INDIA.(NABH ACCREDITED)

SEP 2010 – SEP 2012

Job Profile:

- .Performs surveillance of nosocomial infection.
- . Calculates hospital acquired infection rates & compares it with International standards (NNIS)
- Performs Infection Control Audits & compares the level of compliance with International standards (ICNS)
- Periodic analysis of Needle sticks injuries.
- Prepares power point presentations.
- Assumes responsibility for isolation precautions for patients with infectious diseases.
- Provides education and training to health care personnel.
- Develops policies and protocols for dealing with infectious diseases.
- Develops antibiogram compares it with previous years and restricts use of antibiotics to prevent further resistance.
- Assumes responsibility for providing employee health measures against (pre and post)occupational exposure to infections.
- Assists with clinical waste management programmes.
- Investigates and manages epidemics.
- Participates in research studies/ clinical trails related to infection control.

- Updates on recent advances in infection control to adopt newer and more appropriate infection control practices.
- Deals with day- to -day infection control activities.
- Participates in day- to- day activities of infection control.
- Infectious disease Outbreak management.
- **PERSONAL PROFILE**

➤ Husband Name : Mr HARIKRISHNAN S.
➤ Date of Birth : 26-02-1986.
➤ Marital Status : Married.
➤ Nationality : Indian.
➤ Sex : Female.
➤ Language Known : English, Malayalam.
➤ Passport no. : J5804207

DECLARATION

I hereby declare that all the statements made in the above application are correct to the best of my knowledge and belief.

Place : TRISSUR- KERALA

(REMYA HARIKRISHNAN)