

# SHERI MARIYAM REJI

## PERFUSIONIST

### CONTACT

PAVITHRAM VEEDU  
KALLIMEL P.O.  
MAVELIKARA,ALAPPUZHA,  
KERALA,690509.  
9360705330  
sherimariyam05@gmail.com

### EDUCATION

#### MMM college of health sciences

B.sc Cardiopulmonary  
perfusion  
and care technology – 69%

#### Infant Jesus English medium School – HSC- 70%

#### Infant Jesus English Medium School – SSLC – 79%

### COMMUNICATION

- ENGLISH
- MALAYALAM
- HINDI
- TAMIL

### OBJECTIVE

At the Madras Medical Mission, I earned my B.Sc. in Cardiopulmonary and Perfusion Care Technology. I am a focused, organized, and determined individual looking for a position as a perfusionist in a reputable hospital where I can continue to advance my medical career and show a strong commitment to patient care and well-being.

### EXPERIENCE

#### MADRAS MEDICAL MISSION HOSPITAL,CHENNAI

2023-2024

Internship

- Operate and maintain extracorporeal circulation during cardiac surgery
- Monitor and adjust blood flow, temperature and pressure of the CPB circuit
- Communicate with the surgeon and the anesthesiologist throughout the procedure as to the condition of the patient
- Adheres to department guidelines and safety procedures. Perform as a part of a team and work under variable schedules and hours
- Troubleshoot and repair perfusion equipment
- Performs necessary checks and test to ensure the working order and integrity of the circuit
- Maintain current knowledge of advancement in perfusion technology
- Monitor patient vital signs during CPB procedures
- Prepare and maintain records and reports of perfusion procedures

#### K.M.CHERIAN HOSPITAL KALLISSERY

May 2022-Internship

## KEY SKILLS

- Assembling And setting up of heart lung machine
- Knowledge of perfusion equipment.
- Setting up of IABP and its management
- Troubleshooting during CPB
- Emergency assembling
- Assisted in VA and VV ECMO

## PROJECT :

**“ EVALUATION OF COAGULATION PROFILE AND PLATELET FUNCTION AFTER AN OFFLINE MUF FOR POST BLOOD RECOVERY”**

## PROCEDURE ASSISTED

- CABG
- VALVE CASES(AVR,MVR,DVR,MV REPAIR,TV REPAIR)
- BENTALL’S PROCEDURE
- ELEPHANT TRUNK PROCEDURE
- DOOR’S PROCEDURE
- ASD
- VSD
- GLENN PROCEDURE
- FONTAN
- TAPVC AND PAPVC REPAIR
- TETRALOGY OF FALLOT
- ALCAPA PROCEDURE
- TRUNCUS ARTERIOSUS

## CERTIFICATION

- Participated in a webinar **“ECMO & ITS BASIC COMPONENTS”**, Organized by MMM college of health sciences, on July 2020
- Participated in **“ RAMACHANDRA ADVANCED PERFUSION CONFERENCE RAPCON”**, on 2022 at Sri Ramachandra institute of higher education and research center.
- Participated in the **“ Futuristic view on health care delivery system”** at MMM 2024

## EQUIPMENT HANDLED

- **HLM** - STOCKERT S5, STOCKERT S3, SARNs 8000
- **IABP** - MAQUET CS-300
- **ECMO** - ROTAFLOW 1& 2

- **CARDIOPLEGIA DELIVERY SYSTEMS** –  
SPICTRA CPD, LIFELINE KOLE'S CPD, TRUMED CPD, BCP
- **CENTRIFUGAL PUMP**
- **OXYGENATORS** – SORIN INSPIRE , TERUMO CAPIOX ,  
EUROSET KOMPASS, HORIZON , REMOWELL, BRIZIO,  
LILIPUT D901,D902, KIDS D101, BABY FX

## **REFERENCE**

- **MR.SOMANATHAN,SENIOR PERFUSIONIST,MADRAS**  
MEDICAL MISSION HOSPITAL-9940234434
- **DR. RAJAN, DIRECTOR OF CARDIAC SURGERY,**  
MADRAS MEDICAL MISSION HOSPITAL – 9841271353
- **DR. KANAGARAJ, SENIOR CONSULTANT, CARDIAC**  
**ANESTHESIA,MADRAS MEDICAL MISSION HOSPITAL-**  
9952924218
- **MR. AZARUDEEN SULTAN, SENIOR PERFUSIONIST,**  
MADRAS MEDICAL MISSION- 9884319797

## **DECLARATION**

I hereby affirm that the above information is true and correct to the best of my knowledge