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DOB 29/10/2001

BENADICTA MERLIN JOSEPH

Palamoottil, Mylapra P.O Pathanamthitta, kerala- 689671

Objective Aspiring and highly motivated perfusionist and recent graduate with comprehensive training in cardiopumonary bypass. Seeking to leverage a strong fountain in physiology and hands on experience from clinical rotations to contribute to a collaborative surgical team and ensure optimal patient outcomes.

Experience **St John's Medical College Hospital, Bangalore** 3/10/2024 - 30/09/2025
Intern , Cardiac Perfusionist

- Participated in over all the clinical cases, including adult and pediatric cardiac surgeries.
- Handled Heart-Lung Machine for the procedures like CABG , MVR , AVR , DVR, ASD closure , VSD closure , PDA , TOF , TAPVC repair, TV plasty , Aortic aneurysm, Emergency CPB surgeries, LA Myxoma , Redo Surgeries and other congenital heart defect surgeries.
- Monitored and managed patient physiological parameters, including blood pressure, blood gas levels, and temperature during cardiopumonary bypass.
- Conducted pre - and post - operative equipment checks and maintained detailed case records.
- Collaborated effectively with surgeons, anesthesiologist, and all the surgical team to ensure optimal patient outcomes.
- (VA) and (VV) ECMO Initiated.
- Initiation of IABP and VAD .

Dr. K M Cherian Institute of Medical Sciences, Kallissery 02/02/2022 - 02/05/2022
Perfusion Trainee

Education **Harsha Institute of Allied Health Science, Nelamangala , Bangalore**
Bsc Cardiac Perfusion Technology
2020-2024 —

Mary Matha Public School, Pathanamthitta
Higher Secondary
2019 —

Mary Matha Public School, Pathanamthitta
Secondary Education
2017 —

Skills

- *Operation and Handling of Heart Lung machines for adult and pediatric cardiac surgeries.
- * Extracorporeal Membrane Oxygenation (ECMO).
- * Intra-Aortic Ballon Pump Management (IABP).
- * Ventricular Assist Device (VAD).
- * Minimally Invasive Perfusion Techniques .
- * Hemodynamic Monitoring .
- * Blood Gas Analysis .
- * Patient Assessment .
- * Emergency CPB surgeries.
- * Infection Control.

- * Teamwork and Collaboration.
- * Problem Solving.
- * Attention to Detail.
- * Excellent Communication skills and patient handling.

Reference

Dr.Sreekar B - HOD of CTVS Department

St John's Medical College Hospital, Bangalore
sreekar.b@stjohns.in

Mr.William Ratnaraj - Chief Cardiac Perfusionist

St John's Medical College Hospital, Bangalore
william.r@stjohns.in

Dr. Sunil Agrawal - Senior Cardiothorasic Vascular Surgeon

Dr. K M Cherian Institute of Medical Sciences, Kallissery
9446918250

Mr Daniel Mathew - Chief Cardiac Perfusionist

Dr. K M Cherian Institute of Medical Sciences, Kallissery
9744435602

Language

English
Malayalam
Tamil

Machines Handled

- Heart Lung Machine - MAQUET HL20
- Heart Lung Machine- STOCKERT S5
- Hemotherm Machine- MAQUET HCU 40
- IABP Machine- DATASCOPE CS 300
- ECMO Machine- MAQUET ROTAFLOW

Conference Attended

- * RAPCON 2024 - Conducted by Sri Ramachandra Institute of Higher Education and Research, Chennai
- * MONSOON PERFUSION SUMMIT 2022 -

Declaration

I hereby declare that the information provided above is accurate and correct to the best of my knowledge

Place : Bangalore
Date : 11/09/2025
Benadicta Merlin Joseph
Cardiac Perfusionist
