



ANJALI SAJ CARDIAC PERFUSIONIST

ADDRESS: SAROJAM Bhavan Kudamaloor PO Kottayam
KERALA – INDIA
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PH No:00918848365349

PROFESSIONAL SUMMERY

Experienced Cardiac perfusionist with strong clinical background, successfully completed 150+ cardiac cases, Including adult & Pediatric.

PHONE NO:8848365349
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ADDRESS: SAROJAM Bhavan
Kudamaloor PO Kottayam,

PINCODE:686017

COUNTRY: India

Nationality: Indian

Place of Birth: Kottayam

Date of Birth:02/07/1998

Marital Status: Single

Father Name: Saju D

WORK EXPERIENCE

Cardiac Perfusionist
Specialized in Adult & Pediatric
Soorya Hospital - Chennai
May 2022 – Present

Performs Cardiopulmonary Bypass (CPB), providing total life support safely and optimally during cardiac operative procedures including, intracardiac valve repairs and replacements, congenital cardiac defect repairs, Coronary Artery Bypass Grafting (CABG), aortic aneurysm repairs, cardiac transplants, VAD (ventricular assist device) implants, and selected lung transplants.

- Provides technical management of the Intra-Aortic Balloon Pump (IABP) during invasive placement in the Operating Room, I.C.U., or Cardiac Catheterization Laboratory.
- Ensures optimal performance of Ventricular Assist Devices (VADs).
- Provides extracorporeal management of blood clot removal systems (AngioVac) for selected patients experiencing pulmonary or cardiac embolism.
- Performs Extracorporeal Membrane Oxygenation (ECMO) and Extracorporeal Cardiopulmonary Resuscitation (ECPR). Provides long term total body circulatory support for adult, pediatric, and neonatal patients suffering severe cardiac and/or pulmonary insufficiency.
- Provides ECMO transport services from referring health care systems.
- Provides expertise in extracorporeal circulation for various research protocols.
- Performs Hemofiltration, provides for excess intravascular and interstitial fluid removal from patients undergoing

ACTIVITIES AND INTERESTS

- Watching TV
- Cooking
- Travelling

LANGUAGES KNOWN

- English
- Malayalam
- Tamil

cardiac surgery, and ECMO. This includes modified ultrafiltration in pediatric & Adult cardiac procedures.

- Provides and delivers Cardioplegia Solution (CPS) to coronary artery system, causing cardiac arrest and reduction in myocardial metabolic rate as are required for cardiac surgery.
- Participates in service-line "on-call" responsibilities.
- Assists with cardiothoracic surgery teaching for cardiothoracic surgeons, fellows, residents, and medical students in current techniques of cardiopulmonary bypass.
- Assists in instructing Cardiac Anesthesia Residents, Perfusion students, advanced practice providers, nursing staff, medical students, and residents with understanding cardiopulmonary bypass

SKILLS, KNOWLEDGE, AND ABILITIES

- Life support blood products
- ABG (Arterial blood gas)
- ACT (Activated clotting time)
- VAD (Ventricular assist device)
- Ventilator management
- Anticoagulation analysis
- Participates in periodic maintenance, cleaning and calibration of equipment's
- Ability to provide identified technical skills to patients of all ages including neonate, pediatric, adolescent, adult, and geriatric
- Physical requirements include the ability to work long hours remaining alert and attentive to the duties at hand
- Possesses a high degree of innovation and organizational skills
- High level of accountability for independent and interdependent decision making under minimal supervision
- Clinical knowledge in the process for providing CPB for adult & Pediatric cardiac surgical procedures including coronary artery bypass grafting (CABG), valve replacements, and aortic aneurysm repairs
- Clinical knowledge in the process for providing CPB for ventricular assist device implantation and congenital pediatric procedures.
- Familiar with techniques of IABP, intraoperative autotransfusion, and management of ECMO and LVAD/RVAD

INTERNSHIP

Cardiac Perfusionist **Dr Rela Institute & Medical Centre, Chrompet**

Has Undergone Internship in Dr Rela institute & medical center in the department of CTVS/ Heart & Lung Transplant /ECMO Unit.

Cardiac Perfusionist **Sree Balaji Medical College and Hospital, Chrompet**

Has Undergone Internship in the Dep of Cardio Thoracic Surgery for a period 1 Year in Sree Balaji Medical College and Hospital

EDUCATION

B. Sc. Cardiac perfusion technology (CPT) Sree Balaji medical college & hospital, Chennai **2017 - Mar 2022**

B.sc cardiac perfusion is a 3-year undergraduate course that deals with an advanced study of the HEART'S physiology, pathology, and associated equipment used to support or assume the function of the heart or lungs during medical procedures

Higher secondary education **Holy family higher secondary school, Kottayam** **2015 - 2017**

Science a-group (physics/chemistry/maths)

State board **Mount Carmel girls high school, Kottayam** **2014 - 2015**

secondary school leaving certificate (commonly referred to as sslc) is a certification obtained by a student on successful completion of an examination at the end of study at the secondary schooling level in India

RESEARCH PAPER

A study on intraoperative hypothermia in patient's undergoing on pump coronary artery bypass surgery hypothermia, defined as a decrease in body core temperature to below 35-degree c, is a supportive technique in cardiac surgery.

This study was to access the effects of mild and moderate hypothermia on map, urine output, CBG, duration of CP & usage of vasodilator. From this study we conclude that moderate hypothermia is more beneficial than mild hypothermia. Personal attribute easily adapts to new working environment easily. Sociable, good team member. Able to handle emergency situations. Adapts to new working environment easily

REFERENCE

Dr C Arumugam (Heart & Lung Transplant Surge)
Dr Rela Institute & Medical Centre
Contact No: 8939344111

Mrs. Saranya Raj R S (Sr Cardiac Perfusionist)
Dr. Rela Institute & Medical Centre
Contact No: 8086681850

Dr S Balachandran (HOD Cardio Thoracic Surgery)
Sree Balaji Medical College and Hospital
Contact No:9444899909

Mr. G John Jude (Clinical Perfusionist)
Sree Balaji Medical College and Hospital
Contact No:9626942490

DECLARATION

I hereby declare that's the facts given below are genuine to the best of my knowledge and belief

ANJALI SAJ