

# Jeo Yohannan.c

Cardiac Perfusionist

## Contact

### Address

Chungath House,  
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680552

### Phone

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## Skills

Cardiac activity evaluation

Cardiac catheterization  
experience

Cardiac sonography

Cardiac catheterization

External cardiac  
defibrillation

Able to handle all kind of  
Heart lung Machines like  
JOSTRA HL 20, SARNS 8000&  
9000, SORIN S5 .STOCKERT C5

Life support system  
machines e.g.: DATA SCOPE  
IABP, MAQUET ECMO,  
CENTRIMAG VAD

Manage perfusion  
accidents like: Arterial Filter

Enthusiastic Perfusionist eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of the job role and management of patients and training in Cardiac perfusion. Motivated to learn, grow and excel in healthcare.

## Work History

2018-11 -  
Current

### Cardiac Perfusionist

*Narayana Hrudayalaya, Bangalore, Karnataka*

- Performs necessary checks and tests to ensure the working order and integrity of the circuit
- Attends internal and external educational meeting
- Participates in periodic maintenance, cleaning and calibration of equipment
- Processes remaining blood in CPB circuit post bypass
- Performs perioperative autologous blood collection and administration (PABCA) utilizing the autoLog cell washer (Medtronic Inc.)
- Assembles and operates intra aortic balloon pump (IABP)
- Periodically withdraws blood from the CPB circuit for blood gas, chemistry, anticoagulation analysis and special studies.
- Follows established hospital infection control and safety procedures
- Operates, with assistance, automatic autotransfusion equipment for the sterile collection and processing of shed blood. Maintains a complete record of the perfusion and autotransfusion processing
- Assembles the intraoperative cell saver autotransfusion equipment. Understands autotransfusion (cell saver) technology and how to integrate it with the perfusion circuit
- Performs intra-aortic Balloon Pump, including insertion, console set-up, augmentation, timing, transportation, and troubleshooting

## Education

Block, Accidental Air in the Circuit, Power failure, oxygenator failure

IABP, LVAD, RVAD, BIVAD, ECMO

## Languages

English

Malayalam

Kannada

Tamil

2014-09 -  
2018-09

## Bachelor of Science: Perfusion Technology

Narayana Hrudayalaya Institute Of Allied Health -  
Bangalore

2012-03 -  
2014-05

## High School Diploma

St . johns Higher Secondary School - Thrissur, India

## Additional Information

### Techniques

- FEM- FEM Bypass: VAVD
- Minimal Invasive Surgeries,
- TCA,DHCA,
- Retrograde/Ante grade Cerebral Perfusion, CUF and MUF techniques.

### Strengths

Ambitious

Hardworking and the zeal to work both as an individual and in a team.

### Key responsibilities handled

- Organizing Cardiac surgery perfusion setup. Analyzing & Managing Blood gasses
- Corrective action of perfusion and related complication
- Maintaining Perfusion & surgical Stock
- Maintaining Equipments (Heart lung Machine, IABP & ABG machine, Cell saver machine) Preparation for cardiac surgery
- Supervising cardiac surgery nursing & other technical side.
- Organizing educational meetings.

### Details of Clinical exposure

➤ Experienced in all kind of acquired & congenital cardiac surgeries in Adult &

Pediatric perfusion like:

- **CABG , AVR , MVR & BENTALL , ARCH REPAIR , DOR'S PROCEDURE**
- **HEART TRANSPLANTATION, PULMONARY THROMBO**
- **ENDARTERECTOMY, ASD , VSD , ICR , ASO , DSO , TAPVC , BDG , IAA ,**
- **SENNINGS , ALCAPA , CONE-**

- **RECONSTRUCTION, REV PROCEDURE, REDO –CASES  
MANAGEMENT IN CANNULATION AND BYPASS**
- **HEARTMATE 2 & HEARTMATE 3 IMPLANTATION**

**Personal Information**

Date of Birth: 06/05/1997

Nationality : Indian

**References**

**1. Mr.P.V.S Prakash**

HOD &Senior Consultant Perfusionist

Narayana Hrudayalaya Hospital

Bangalore

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**2. Mr.Sam Immanuel S**

Senior Perfusionist

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## **Interests**

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Sports

Academic progress