



# JISMY SIJU

## CARDIAC PERFUSIONIST

As a Perfusionist, responsible for extracorporeal oxygenation of the blood during open-heart surgery and for the operation and maintenance of heart-lung machine and controlling it.

### CONTACT

Mob : 8129063424

Email : jismysiju2001@gmail.com

### ADDRESS

Kollannur House, Kattakampal Post,  
Kanjirathingal - 680 544  
Thrissur District, Kerala

### EDUCATION

◆ BSc. CARDIO PULMONARY PERFUSION CARE TECHNOLOGY (+1 YEAR INTERNSHIP )  
Sri Ramakrishna Hospital Institute Of Allied Health sciences  
2019 – 2023; 📍 Coimbatore , TamilNadu

◆ HIGHER SECONDARY EDUCATION (HSE)  
Bethany St:John's English Higher Secondary School  
2017- 2019; 📍 Kunnankulam, Kerala

◆ SECONDARY SCHOOL LEAVING CERTIFICATE(SSLC)  
Bethany St:John's English Higher Secondary School  
2017; 📍 Kunnankulam, Kerala

### LANGUAGES KNOWN

◆ English ◆ Malayalam ◆ Tamil

### ACHIEVEMENTS

◆ Won 3rd Prize - Poster Presentation :-  
"Outcomes Of del- Nido Cardioplegia"  
PERFUSION CONCLAVE 2022, SNS College,  
Coimbatore

◆ Participated in Exhibition - ISECTCON 2023

◆ Attended ECMO FUNDAMENTALS - Narayana  
Institute Of Cardiac Sciences, Bangalore

### REFERENCE

Dr.S. THIAGARAJA MURTHY  
Chief Consultant Cardiothoracic Surgeon  
{MS., FRCS - General Surgery.,  
FRCS - Cardiothoracic Surgery}  
Sri Ramakrishna Hospital, Coimbatore  
Mob:- 9677027911

Mr.K MANIVANNAN  
Chief Perfusionist  
Sri Ramakrishna Hospital, Coimbatore  
Mob:- 8838291640

### WORK EXPERIENCES

{1 Year Internship : Mar 2023 – Feb 2024 }

#### CASES DONE :-

Under Supervision - (25+)

Individually - (30+)

- ◆ CABG - OFFPUMP & Emergency ONPUMP
- ◆ MVR & AVR - MICS, TAX, Open Sternotomy
- ◆ BENTALL's Procedures
- ◆ DVR ◆ REDO CASES ◆ VSR
- ◆ ASD ◆ VSD ◆ TOF ◆ SAM Excision

Cases Assembled & Assisted Individually :- (100+)

- ◆ TAPVC Correction
- ◆ DORV Correction
- ◆ FONTAN Procedure
- ◆ GLENN Procedure

#### Equipments Handled:-

- ◆ HLM - Terumo Sarns 8000, Maquet HL 20
- ◆ Hemotherm - TerumoSarns TCM II, Maquet HCU 40
- ◆ ECMO - Maquet ROTAFLOW
- ◆ Intra Aortic Balloon Pump - CS 300
- ◆ TTFM - MEDISTIM-MiraQ
- ◆ OXYGENATORS:- Adult - INSPIRE 6, 6F, 8, 8F, Affinity NT  
Pediatrics - KIDS 100, 101 & LILLIPUT D901, D902
- ◆ Cardioplegia Delivery System :- SPICTRA & KOLE's Chamber

### PRACTICAL SKILLS

- ◆ Pre-bypass patient assessment
- ◆ Assembling, Priming & Initiation of Cardiopulmonary circuit
- ◆ Preparation and Infusion of Cardioplegia (del-Nido , St.Thomas Solution) as antegrade and retrograde via.
- ◆ Analysis and managing of ACT and ABG
- ◆ Administering drugs and blood products through CPB
- ◆ Managing of hemoconcentration techniques both CUF and MUF
- ◆ Managing of hemotherm for cooling and rewarming techniques
- ◆ Managing and purchasing equipments and supplies
- ◆ Initiation of IABP
- ◆ KNOWLEDGE ABOUT :- ECMO, VAD, Cell saver

### CLINICAL SKILLS

- ◆ Patience
- ◆ Good Communication
- ◆ Teamwork & Management
- ◆ Sterility maintenance

### DECLARATION

I hereby declare that the above-mentioned information is accurate to the best of my knowledge and belief