

NAJIYA P

Cardiovascular Technologist

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MALAPPURAM, KERALA

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Career Objective

To become a part of the organization where I can apply my knowledge, enhance my skill and be able to contribute to growth and success of the organization. Looking for a suitable position with a company which offers opportunity for progression and where I can make a significant contribution.



Experience Curve

Worked as an intern (cathlab,echo) in Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), puducherry from august 2022-august 2023.

EQUIPMENT FAMILIARITY

- **SIEMENS ARTIS ZEE FLOOR MOUNT CATH LAB**
- **PHILIPS ALLURA FD10 CATH LAB**
- **ECG , TMT , HOLTER - MORTARA**
- **ECHOCARDIOGRAPHY – GE ,PHILIPS CX50 , PHILIPS IE 33, EPIQ 7**
- **CATH TABLE - PHILIPS , SIEMENS**

WORK EXPERIENCE

- ❖ Familiar with fluoroscopy, C-arm, hemodynamic monitors and hardware (Phillips and Siemens) in cath lab.
- ❖ Well experienced in table movements and have assisted in diagnostic (coronary angiography)> 500 cases and
- ❖ Coronary angioplasty procedures > 300 cases. Even assisted in **primary PCI's**, QCA analysis
- ❖ Assisted in performing pediatric interventions - ASD,VSD, PDA device closures
- ❖ Non -coronary procedures - peripheral angiography DSA > 20.
- ❖ Have a good knowledge in hemodynamic and intra cardiac EKG readings
- ❖ Have assisted in permanent pacemaker implantation, Cardiac Resynchronization Therapy, Intra Cardiac Defibrillator, Implantable Loop Recorder, and have performed interrogation using analyzer (Medtronic, St. Jude, and Biotronik).
- ❖ Familiar with electrophysiology systems (Bard/Cordis/St. Jude Work Mate, Bio-sense Webster- Carto, St. Jude- Ensite Velocity) and experienced in cardiac electrophysiology studied and ablation using radio frequency (SVT, AVNRT, AVRT, AF, 3-D mapping- VT ablation).

FAMILIAR CARDIAC IMAGING SYSTEMS

❖ INTRAVASCULAR ULTRASOUND (IVUS):

Well trained in operating IVUS machine and have assisted physician in imaging coronaries and have interpreted the recorded image

❖ OPTICAL COHERENCE TOMOGRAPHY (OCT):

Have performed and familiar with OCT imaging and its hardware.

❖ FRACTIONAL FLOW RESERVE (FFR):

Have performed coronary physiological lesion assessment by adenosine infusion to create hyperemia and there by measuring the pressure difference across the lesion to know about its severity.

❖ ROTABLATOR

Have assisted in the rotablation of calcified coronary lesions and have a better knowledge about its hardware and its maintenance.

INVENTIONARIES

Familiar with various cath lab inventionaries like coronary balloons, stents, catheters, microcatheters and guidewires.



Other Skills

ECG LAB

- ❖ Have performed >1000 ECG recordings independently and have reported the abnormalities.
- ❖ Familiar with ECG recordings of ischemia, myocardial infraction and varioustypes of ventricular and atrial arrhythmias.

TMT LAB

- ❖ Have performed >100 stress test using BRUCE PROTOCOL and interpreted the evidence of stress inducible ischemia.
- ❖ Performed and assisted the physician in stress adenosine study.
- ❖ Have also performed HOLTER recording, analyzed and interpreted the abnormalities.

ECHOCARDIOGRAPHY:

Trans thoracic echocardiography:

- ❖ Have performed 2D transthoracic echocardiography.
- ❖ And have reported structural, functional and hemodynamic abnormalities

Trans esophageal echocardiography:

- ❖ Have assisted the physician in performing TEE and familiar with the maintenance of the probe and patient preparation prior to examination.

NUCLEAR CARDIOLOGY AND NUCLEAR IMAGING EXPERIENCE:

- ❖ Assisted in myocardial perfusion scan using radiopharmaceutical technetium 99m MIBI and myocardial viability assessment.

IMAGING SYSTEMS:

- ❖ OCT – St. Jude medicals.
- ❖ IVUS – ILAB -Boston
- ❖ FFR – St .Jude medicals.

Education

- **B.Sc. Cardiac Lab Technology (2022)**
Jawaharlal Institute of Post Graduate Medical Education and Research (JIPMER),
Puducherry,India

Mark obtained 70.72% (ranked 53 in jipmer entrance exam)

- **PLUS TWO**
PKMMHSS EDARIKODE ,MALAPPURAM, KERALA
(KERALA HIGHER SECONDARY BOARD OF EDUCATION)
Mark obtained 95%

- **SSLC**
PKMMHSS EDARIKODE,MALAPPURA,KERALA
Mark obtained 96%



Personal Details

Date of Birth : 19.10.1999
Marital Status : Single
Nationality : Indian
Languages Known as : English, and Malayalam

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: MALAPPURAM ,KERALA

NAJIYA P

Referance

1. Dr. Santhosh Satheesh
Professor& head
Department of Cardiology, JIPMER ,Puducherry
2. Dr. Raja j selvaraj
Professor, cardiac electrophysiology
Department of cardiology, JIPMER ,Puducherry
3. Dr.Shaheer Ahammed
Assistant professor
Department of cardiology,JIPMER,Puducherry
4. Dr.avinash anatharaj
Associate Professor
Department of Cardiology,JIPMER,Puducherry
5. Mr.Narasimhan
Technical Supervisor
Department of cardiology,JIPMER,Puducherry
6. Mrs. Devi
Technical supervisor
Department of cardiology,JIPMER,Puducherry