SANDORZ RAJULIN VIJU

CARDIAC TECHNOLOGIST

CONTACT

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No. 222. GRACE GARDEN Near KAK Ice Plant, Tk Puram Road **VIRUTHAMPAT** Vellore, Tamil Nadu

Pin: 632006

SKILLS

Knowledge of cardiac medication

Quality assurance and compliance with regulatory standards

Highly Adaptable to the work space enabling to work smoothly as a unit

Good communication skills ensuring clear instruction and information exchange

EDUCATION

10th Grade

Ida Scudder School (ICSE), Vellore

2014-2015

..... 12th Grade

Shrishti Vidhyashram

2016-2017

B.Sc Cardiac Technology

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Christian Medical College. Vellore

2017-2020

LANGUAGES

Enalish Tamil Hindi Malayalam

PROFILE

Results-oriented Cardiac Technician with 1 year internship and 2 years of experience exceeding patient expectations in a high-pressure healthcare environment. Adept at performing a comprehensive suite of diagnostic cardiac procedures while ensuring meticulous accuracy and efficient workflow.

WORK EXPERIENCE

Internship

May, 2021- May, 2022

Christian Medical College, Vellore

Junior Cardiac Technologist

Christian Medical College, Vellore

May, 2022 - May, 2024

- Executed a comprehensive range of diagnostic cardiac procedures including Electrocardiograms (ECGs), Holter monitor application and analysis, stress testing, Echocardiography, Cath lab preparation and assistance in various complex cases
- Maintained meticulous vigilance over vital signs and patient responses, ensuring timely intervention when needed.
- Streamlined procedural efficiency by meticulously preparing equipment and maintaining a sterile environment.
- Championed accurate and comprehensive patient care documentation for seamless continuity.
- Cultivated a compassionate and empathetic demeanor to alleviate patient anxiety and ensure a positive experience.
- Assisted with invasive cardiovascular procedures, demonstrating a collaborative
- Empowered new staff members through comprehensive training on equipment operation and procedures

TECHNICAL SKILLS

- · Well trained in performing, diagnosing and troubleshooting ECGs, 24hr Holter and ABPM monitors, Treadmill stress testing, Echocardiography,
- · Possessing knowledge of pacemaker and implantable cardioverter-defibrillator (ICD) functioning, including interrogation and programming.
- Trained to work under high risk and high pressure in the catheterization lab
- Interpersonal Dexterity Communication, teamwork, critical thinking, problemsolving, time management, organization.
- Patient-Centric Care fostering trust and well-being through empathetic and clear communication.
- Computer Proficiency in maintaining Electronic medical records systems, cardiovascular equipment and software.
- Sustaining and prolong the reliability of equipments and tools through efficient usage and early detection of issues
- Maintaining and organizing the work space

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CERTIFICATIONS

AHA certified BLS Provider

- Done on 05, February 2024
- Training center CMC, Vellore
- E-card Code 245606976055
- Validity from February, 2024 -February, 2026

Philips 3D Echo Update, 2019

- Attended on 9th, March 2019
- Held in Dept. of Cardiology, CMC, Vellore

Philips 3D Echo Workshop, 2024

- Attended on 15th, April, 2024
- Held in Dept. of Cardiology, CMC, Vellore

INTERESTS

- Poetry
- Music production
- Cricket
- Motor Sport
- Traveling

EQUIPMENTS HANDLED

ECG

- Philips Pagewriter TC 20
- Philips TC 10
- GE Mac 800

Holter

- Zymed Holter 1810
- Philips Digi track

Echocardiogram

- Philips Affinity 70G
- Philips Epiq 7C
- GE Vivid E95
- GE Vivid S70
- CX50
- Epiq CVx

Cath Lab

- Philips Azurion 7M20
- Philips Azurion 7M12
- Siemens Artis Biplane
- GE Innova IGS 5
- Philips Allure Clarity
- Hemodynamic pressure system:
 Marquette, calysto (with biomedical),
 Philips, Siemens, GE medical system

Treadmill

- GE CASE V 7.0 T2100
- GE Maquet

ABPM

• GE Cardiosoft V6.73

Defibrilator

- NIhon Kohden Cardiolife TEC-5600
- Philips Heartstart xl
- IABP: Data scope
- FFR: St. Jude Medical
- IVUS, IFR: Boston, Volcano System
- OCT: ILUMIEN OPTIS
- ACT MEDTRONIC
- Rotapro
- Shockwave IVL
- Penumbra Suction Thrombectomy

Device Interogators

- Medtronic
- Boston Scientific
- Biotronic
- St. Jude

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REFERENCES

Dr. Jesu Krupa

Professor, Cardiology

Christian Medical College and Hospital, Ratnagiri, Kilminnal, Ranipet,Tamilnadu, India.

Pin: 632517

09482932791

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jesukrupa@gmail.com

DIAGNOSTIC STUDIES

- <u>ECG</u> (Standard 12 lead, Right sided chest leads and posterior leads)
- 24 hr Holter
- 2<u>4 hr ABPM</u>
- Treadmill Stress Test
- Echocardiography -
- 1. Instrumentation Transducers- signals, 2D display
- 2..Echocardiographic examination: selecting transducer, position of patient, placement of transducers, setting controls, M-Mode
- labeling- 2D echo normal variants; Terminology-identifications of segments.
- 3. Doppler echo cardiography principles/ types pulsed/continuous/color/flow patterns/ measurements.
- 4. Contrast echo
- 5. Valvular heart diseases MS/MR/AS/AR/PS/PR/TR/TS
- 6. Cardiomyopathies DCMY, RCMY, HOCM, HCM
- 7. Pericardial diseases Constriction/effusion/tamponade
- 8. Congenital heart diseases- ASD/VSD/ PDA/TOF/TGA/DORV/Tricuspid atresia
- 9. Myocardial disorders- Ischemia/Infarct/ Aneurysm
- 10. Post operative cases like MVR/AVR/DVR/ICR
- 11. Preoperative cases for TAVI, BMV, BAV, BPV
- 12. Post PTCA, PPI, ICD, CRT-D

Implantable device Interogation

- 1. CRT-D and CRT-P
- 2. Pacemaker
- 3.ICD

CATH LAB EXPERIENCE

Trained and skilled in giving assistance and support in the following procedures with exceptional attention to detail

- Elective Coronary Angiogram and Intervention
- Primary Coronary Intervention
- Device closures (ASD, VSD, RSOV, PDA)
- Valve interventions (BMV, BPV, BAV), PTA)
- Peripheral Angiogram and Angioplasty
- Pacemaker implantation,
- EP study
- Temporary Pacemaker
- Pericardiocentesis

DECLATION

I hereby declare that the above mentioned information is true and best of my knowledge.