



## ASHNA SS

Cardiovascular Technologist.  
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### CAREER OBJECTIVE

To build up the present skills and seek a position that provides opportunities to explore my skill and knowledge and to achieve challenging heights in the field of cardiovascular technology with very good interpersonal skills.

### PROFESSIONAL QUALIFICATION

#### **BACHELOR DEGREE IN CARDIOVASCULAR TECHNOLOGY**

GOVT. T.D MEDICAL COLLEGE , ALAPPUZHA, KERALA UNIVERSITY OF HEALTH AND SCIENCE.

#### **BASIC LIFE SUPPORT TITLE HOLDER**

#### **ADVANCED CARDIOVASCULAR LIFE SUPPORT TITLE HOLDER**

### EDUCATIONAL QUALIFICATION

#### **Bachelor of Cardiovascular Technology (2015-2019)**

Govt. T.D Medical College, Alappuzha, Kerala University of Health and Science

#### **Higher Secondary (2013-2015)**

Iqbal higher secondary school. Peringammala, Trivandrum

#### **High School (2013)**

Darsana English Medium school  
Nedumangadu, Trivandrum

### PROFESSIONAL EXPERIENCE

1 year experiences as intern: bachelor of cardio vascular technology (cathlab ; echo; tmt; ecg; holter) at Govt. T.D. Medical College, Alappuzha

#### LANGUAGES

English  
Tamil  
Malayalam  
Hindi

#### SKILLS

Educating Patients Regarding Medication Instructions.  
Explaining Procedures to Patients.  
Triaging Patients.  
Handling Difficult Personalities.  
Explaining Medical Information in Understandable language.

#### HOBBIES

Hearing music.  
Cycling.  
Reading books  
Craft works

## WORK RESPONSIBILITIES

- All aspects of patient care in the cardiac catheterization laboratory, cardio vascular Diagnostic and Intervention Procedure.
- The Technologist is responsible for operating Angiographic equipment such as angiographic computers, power injector and hemodynamic pressure recording.
- Prepares the examination rooms for diagnostic and interventional procedure.
- Review the patient medical history present on the examination requests and consult the physician as necessary.
- Maintains daily log of procedure performed.
- Maintain is inventory of supplies to be ordered and submits order request to supervision (Stents,catheters and Balloons).
- Managing Cardiac Emergencies.
- Doing Oxygen Saturation for Blood samples.
- Doing all types of Transthoracic Echo including Stress Echo , Strain imaging , 3D Echo and assist Trans esophageal Echocardiography.

## TECHNICAL SKILLS

- Cathlab procedures (both invasive and non invasive),Tread mill test(TMT), Echocardiography, Electrocardiography, Holter monitoring, IABP, Pacemaker Programming

## TECHNICALLY EXPOSED PROCEDURES

### Diagnostic & Interventional Procedures:

- Right Heart Cardiac Catheterization
- Left Heart Cardiac Catheterization
- Coronary Angiogram
- Peripheral vascular Angiogram
- Coronary Angioplasty including Rescue PTCA
- Peripheral Angioplasty
- ASD Device Closure
- VSD Device Closure
- PDA Device and Coil Closure
- Rotablation •
- Balloon Mitral Valvuloplasty (BMV)
- Balloon Aortic Valvuloplasty (BAV)
- Balloon Pulmonary Valvuloplasty (BPV)
- Coil Embolization
- Temporary Pacemaker implantation (TPI)
- Permanent Pacemaker Implantation (PPI)
- AICD implantation
- CRT implantation
- IVC filter insertion
- Pericardiocentesis
- Optical Coherence Tomography(OCT)

- IVUS
- Intra Aortic Balloon Pump
- FFR
- EP Study Radio Frequency Ablation
- Alcoholic Septal Ablation

## Echocardiography

Transthoracic Echocardiography (2D & 3D – Echocardiogram, Tissue Doppler Imaging) including routine LV function, special cases like Valvular heart diseases, Cardiomyopathy, Ischemic Heart Disease and Congenital Heart Diseases.

Echo assisted interventional procedures like BMV, device closure in cath lab and post procedural evaluation.

Trans Esophageal Echocardiography(TEE)

Contrast Echocardiography

Stress Echocardiography(Dobutamine)

## FAMILIAR IN HANDLING THE FOLLOWING MACHINES AND EQUIPMENTS

- SIEMENS Artis Zee
- Hemodynamic Pressure-Maquet
- ECG machine
- Cardiac Monitors
- Pulse Oxymeters
- Defibrillators
- Infusion and Syringe Pumps
- Suction Apparatus
- Echo Machine (GE -Vivid e9 & Logiq, PHILIPS, SIEMENS)
- ACT machine
- ABG and Electrolyte machine
- Computerized Central Monitor
- Pacemakers
- Pacemaker Programmers
- IABP - Datascope
- Transducers
- Treadmill machine (B P L & Schiller)
- B.P. Apparatus
- Pulse Generator
- IVUS
- OCT

## EP CLINIC (PACEMAKER INTEROGATION)

- Basic knowledge in Electrophysiology and Ablation
- MEDTRONIC, ST JUDE MEDICALS, GUIDANT, BIOTRONIC (VVI, VVIR, DDD, DDDR)

## **COMPUTER PROFICIENCY**

**Knowledge in basics of computer, application softwares (MS Office, Photoshop) in windows platform**

## **REFERENCE**

**Dr. Sivaprasad k, Professor & HOD Department of Cardiology,**  
Govt.T D Medical College, Alappuzha,Kerala, GSM:9446301189

**Dr.Sunitha vishwanathan Professor & HOD,Department of cardiology**  
Govt.Medical college ,Thiruvananthapuram,Kerala.

**Dr.BAIJU R Associate Professor,**  
Department of Cardiology.Govt. Medical College Alappuzha,Kerala GSM:9447893001

**Dr. Cicy Bastin, Associate Professor.Department of Cardiology,**  
Govt. Medical College, Kottayam,Kerala, GSM:9447986336

**Dr. Abdul Salam, Assistant Professor**  
Department of Cardiology, Deputy Superintendent, Govt. TD Medical college, Alappuzha, Kerala,  
GSM:9447650609

## **AIM**

To work and grow in the CARDIAC field using the latest technology, and to deliver my best to society.

## **DECLARATION**

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

ASHNA S S  
Thanking You