

# U.ASWINI

Mobile: (+44 07448619437) , Email: aswiniumashankar@gmail.com  
Flat no 6, Tudor house, 3 Graham avenue, Mitcham, CR42HJ

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## **CAREER OBJECTIVE**

1. To pursue a challenging position in the field of non invasive cardiac diagnostic procedures, where I can use my skills and knowledge to effectively diagnose and contribute to the appropriate treatment of the patient. My current areas of work include Adult Echo Cardiogram, Carotid & Vertebral Doppler, Tread Mill Test, Holter Monitoring, 24 hrs Ambulatory BP monitoring, Electrocardiogram.
2. I would like to work in an environment which would provide me an opportunity to render my clinical skills in the field of non invasive cardiac diagnostic department procedures. I have the ability to take independent responsibility to contribute and be a productive team member with excellent interpersonal & communication skills.
3. I can independently perform and report ECG, ECHO, TMT, HOLTER, AMBULATORY BP monitoring procedures. My core field is echocardiogram. I have performed and reported individually more than 40000 cardiac sonography tests in my 13 years career. I have also got trained to independently perform special cardiac diagnostic procedures like pre and post cardiac transplant echocardiograms, Pharmacological stress echo, contrast echo, CRT parameter assessment, Q analysis, epicardial echo, Carotid & Vertebral Doppler Study, pharmacological TMT, strain rate imaging, tissue Doppler imaging, tissue & speckle tracking, global longitudinal strain, 3D & 4D speckle tracking echocardiography, assisting cardiac surgeons and interventional cardiologists with echo guidance for various procedures like pericardial & pleural effusion tapping, mitral & aortic balloon valvotomy, device closure of defects like ASD, VSD, PDA etc..., TAVI, LAA closure, alcohol septal ablation & reduction, myocardial biopsy. I do assist TOE procedures.
4. I pledge my sincere efforts to reach high proficiency and thereby enhance the reputation of your esteemed Institution.

## **EDUCATIONAL QUALIFICATION**

1. British society of echocardiography (TTE accreditation) in sept 2023.
2. MPhil(HHSM) hospital & health systems management- 2015-2017 with 8 CGPA - 78% from BITS-Pilani university (Collaborative Management degree program of BITS, CMC-Vellore & Bombay Hospital).
3. MBA(Hospital Management) - 2009-2011 with 60% from Alagappa University, Tamilnadu.
4. B.Sc(Allied Health Science-Cardiac Technology) - 2005-2009 with 70% from Sri Ramachandra Medical College & Research Institute, College of Allied Health Science, Porur, Chennai

## **Experience ( Total 13+ years experience)**

- Currently working as highly specialized cardiac physiologist in St Georges university hospital, London from May 2022.
- Worked as part time **Echo technologist** in KHM Hospital Anna Nagar, Chennai under Prof Dr.P. Manokar, MD, DM. Cardiologist from Mar 2020 to Mar 2022.
- Worked as **Technical officer** in Kokilaben Dirubhai Ambani Hospital, Mumbai ( from Aug 2018 to June 2019). JCI & NAAC accredited hospital.
- Worked for 4 years as **Incharge- Adult Echo lab & Academic coordinator** at Dr.K.M.Cherien's Frontier Lifeline Hospital, International Centre of cardio-thoracic & vascular diseases. (From

Feb 2014 to Apr 2018). NAAC accredited hospital.

- Worked for 3 years as **Junior Cardiac Technologist** at Sri Ramachandra University, Porur, Chennai (From Mar 2011 to Jan 2014). JCI & NAAC accredited hospital.
- Worked as **Echo Technologist** at Apollo Hospitals, Greams Road, Chennai (From Jun 2009 to Feb 2011). JCI & NAAC accredited hospital.

## **RESEARCH EXPERIENCE**

1. Co-investigator in " Rabbit myocardial infarction study" for Sastra University in 2014.
2. Co-Investigator in " Meril Aortic valve replacement" in sheep in September 2015.
3. Co investigator in " Heterotrophic Heart transplant" in dogs in December 2015.
4. Co investigator in " Acute porcine studies for physiological validation and implantation safety of the Q Heart Bio Q CA Device" in pigs in the year feb 2018.
5. MPhil thesis research on " Assessment of radiation exposure in various cardiac catheterization procedures" in April 2017.

## **SOCIAL WORK**

Attended multiple cardiac specialty free camps organized by

1. Sri Ramachandra University in the year 2009, 2011 & 2012,
2. Fortis Malar Hospital in various districts of Vellore Tamilnadu.
3. Apollo Hospital in Krishnagiri, Tamilnadu.
4. National Institute of Woman & Child development cardiac camp at Surat, Gujrat in September 2014, 2015, 2016.
5. Anbu Hospital & F.L.L Hospital in Kumbakonam, Tamilnadu in 2014, 2016, 2017.
6. Dr. K.M.Cherien's Frontier Lifeline Hospital in Chennai & various districts of Tamilnadu.

## **ACADEMIC WORK**

1. Taken classes on Cardiac -Anatomy, Physiology, Pharmacology, Pathology, Basics & Advanced Electrocardiogram, Holter analysis, Tread mill testing, Basics & Advanced Echocardiogram for allied health science students of Sri Ramachandra University, Hindustan University, The TamilNadu Dr.M.G.R Medical University & Apollo med skills paramedical courses.
2. Co-investigator for many ongoing studies & researches on 2D & 3D echo, pharmacological stress echo, contrast echo, strain rate imaging, tissue & speckle tracking in Dr. K.M.Cherien's Frontier Lifeline Hospital.
3. Attended many CME programs to keep self updated with recent advancement and newer guidelines in Echocardiography .

## **RESPONSIBILITIES AT FRONTIER LIFE LINE**

1. Responsible for performing & supervising various Echocardiographic procedures .
2. Performed special procedures like pre & post cardiac transplant echo, Pharmacological stress echo, contrast echo, CRT parameter assessment, Q analysis, epicardial echo, Carotid & Vertebral Doppler Study, strain rate imaging, tissue Doppler imaging, tissue & speckle tracking, global longitudinal strain, 3D & 4D speckle tracking echocardiography, assisting cardiac surgeons and interventional cardiologists with echo guidance for various procedures like pericardial & pleural effusion tapping, mitral & aortic balloon valvotomy, device closure of defects like ASD, VSD, PDA etc..., TAVI, LAA closure, alcohol septal ablation & reduction, myocardial biopsy, assisting TOE procedures.
3. Internal Examiner for allied health science paramedical courses

4. ACLS & BLS Provider.
5. Administration & management of the non invasive cardiac diagnostic department.
6. Academic faculty handling theory & practical subjects of paramedical courses.

### **EXAMINER EXPERIENCE**

1. Model paper examiner for B.Sc (Allied Health Sciences) IVth, Vth, VIth semester students of Sri Ramachandra University.
2. Internal examiner for B.Sc (CVT) IIInd year students & final semester viva of Hindusthan University.
3. Model paper examiner for B.Sc(CCT) IIInd year students of The TamilNadu Dr.M.G.R Medical University.

### **REFERENCES**

#### **1. Matchel Bibat**

Highly specialized cardiac physiologist.

St George university hospital

Matchel.Bibat@stgeorges.nhs.uk

Phone : 07738639310

#### **2. Prof Dr. P. Manokar**

Professor of Cardiology

Sri Ramachandra University , Chennai & Visiting

Prof Ohio State University, Columbus Ohio USA

Phone: 9444991299, +91 26212218

Email : pmanokar@gmail.com, pmanokar@hotmail.com

### **DECLARATION**

I hereby declare that all the details furnished above are true to the best of my knowledge.