



# MEGHNA T RAJ

CARDIAC SONOGRAPHER

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## PROFILE SUMMARY

Intend to build a career with leading organization with commitment and dedication, which will help to create an atmosphere for potentiality, efficiency and elevation of the career.

## PRACTICAL SKILLS

- Electrocardiogram
- Echocardiogram
- Tread mill test
- 24 hours Holter monitor
- 72 hours Holter procedure (Web Cardio)
- Ambulatory blood pressure monitoring

## LANGUAGES

- English
- Malayalam
- Hindi
- Tamil

## WORK EXPERIENCE

### Cardiac Sonographer

**Smitha Memorial Hospital and Research Center (NABH Accredited), Thodupuzha, Kerala**

2022 – Present

- Knowledge of Cardiac disease and arrhythmias.
- Preparing the patient for ECHO.
- Acquiring clinical patient information including cardiac related physical findings.
- Performing Adult Echocardiography imaging. Includes: 2D, M-mode, Continuous and Pulsed wave doppler, Color Doppler
- Assisting in pediatrics ECHO and TEE.
- Experienced with pacs.
- Report preparation – Prepare preliminary reports for review and interpretation by Cardiologist.
- ECG, Tread Mill Test and Holter monitoring -preparation, performance and interpretation
- Perform portable Echocardiogram examination -Reviewed and documented patient histories and supporting.

### Cardiac Sonographer (Internship)

**Kovai Medical Center Hospital (NABH Accredited), Coimbatore, Tamil Nadu**

22/02/2021 – 23/02/2022

- Trained to work independently in cardiac ICU and non-invasive lab of Cardiology.
- Received hands on training in echo lab (2D, M-Mode, Doppler and TEE) Invasive -Technology.
- Deep knowledge in ECG, Tread Mill Test and Holter monitoring -preparation, performance and interpretation

## **PROFESSIONAL QUALIFICATION**

**B.Sc. Cardiac Technology** from Kovai Medical Center Hospital College of Allied health Sciences (MGR University) in the year 2017-2022

## **EQUIPMENTS HANDLED:**

- ECG (Philips, GE)
- ECHO (GE [Vivid-S10, Vivid-E9, Vivid-S5, Vivid-S70, Vivid-T9], Philips CVX, Philips cx50, Philips Affiniti CVx)
- TMT (GE, Philips)
- Holter Monitor (Philips- 24 hours Holter monitoring web cardio 72 hours Holter procedure)

## **CONFERENCE ATTENDED**

- Comprehensive Echo Doppler Evaluation Techniques “CEDT-2020” – KIMS Trivandrum.
- CARDIOTECH -2019 -Vivekananda Medical Care Hospital, Thiruchengode – 23 and 24 March.

## **REFERENCES**

- **Dr. THOMAS ALEXANDER. MD., DM., (HOD)**  
Consultant Interventional Cardiologist  
Cardiologist Register No.: 33914  
Kovai Medical Center & Hospital, Coimbatore  
Phone Number: +91 9791907685
- **Dr. D. SUJEETHA SWAMINATHAN**  
Director of Allied Health Science  
Kovai Medical Center & Hospital, Coimbatore  
Phone Number: 0422-4324434

## **DECLARATION**

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

Date: 12/05/2023

(Meghna T Raj)