

# ALKA BINOY

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## SUMMARY

Enthusiastic Cardiology Technologist, eager to learn and contribute to the cardiovascular / electrophysiology team success through hard work, attention to detail and excellent organizational skills. Clear understanding of Heart rhythm analysis, cardiovascular fluoroscopy images and scrub technique. Motivated to learn, grow and excel in the cardiology arena.

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## PROFESSIONAL EXPERIENCE

### Cardiac Care Technologist Internship, 02/2022 - Current

#### Kovai Medical Centre and Hospital Institute of Allied Health Sciences - Coimbatore, Tamil Nadu

- Analyses the patient's electrical activity of heart to determine normal and abnormal heart patterns/rhythms such as heart block, myocardial infarction and arrhythmia
  - Monitors the patient's blood pressure and heart rates before, during and after procedures/exercises
  - Perform cardiovascular stress tests, contrast echos, bubble studies, TSI for essential cases and transesophageal echocardiograms (TEE)
  - Instructs or aids the patient on Stress testing and other equipment. Uses proper patient positioning technique and equipment setting to ensure patient comfort and safety
  - Organize reports, outlining findings of diagnostic testing and imaging services such as 2D, M-Mode, doppler and colour flow imaging
  - Able to evaluate wall motion abnormalities, valvular heart diseases, congenital heart diseases and cardiomyopathy
  - Analyses the patient's electrical activity during TMT and assures to manage emergencies if they occur before the code blue team arrives
  - Maintains accurate and confidential documentation in electronic medical records
  - Maintains continuous professional development in ECG through self-study including attending courses or seminars
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## EDUCATION

### BSc Cardiac Care Technology, Medical, Expected in 02/2023

#### KMCH Institute of Allied Health Sciences - Coimbatore, Tamil Nadu

### Higher Secondary School, Biology Science, 04/2018

#### St Ignatius HSS - Kanjiramattom, Ernakulam, Kerala

## CONTACT

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Pulickamaly P.O, Ernakulam, Kerala  
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## SKILLS

### Specializations

- Electrocardiogram
- Echocardiogram
- Treadmill test
- 24hoursHolter Monitor
- Ambulatory BP Monitoring

### Equipments Handled

Echo Machine

- Vivid-S70
- Vivid-E9
- Vivid-E9XDclear
- Vivid-S5
- Vivid IQ

ECG Machine

- Philips TC 20
  - GE MAC 1200 ST
- Treadmill Machine
- GE T1200

## REFERENCES

Dr.THOMAS ALEXANDER,MD.,DM.

Consultant and Interventional cardiologist Reg.No: 33914

Kovai Medical Centre and Hospital, Coimbatore, 641014

Phone: +91 9791907685

Dr.M.MOHAN,MD.,DM.

Consultant and Interventional cardiologist Reg.No: TMC 72640

Kovai Medical Centre and Hospital Coimbatore, 641014

E-mail id: dr.mohan1978@yahoo.co.in

Dr.BALAKUMARAN.J.MD.,DM.

Consultant and Interventional cardiologist Reg.No: 78467

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## DECLARATION

I Alka Binoy hereby declare that, the particulars of information and facts statements above are to the best of my knowledge and belief.