

AKHIL.S

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Manapuzha Revathy(H) ponakum po mavelikara Alappuzha, kerala 690101



Personal Details

Date of Birth : 29/9/1997

Marital Status : Single

Nationality : Indian

Gender : Male

Religion : Hindu

Objective

Seeking a growth oriented and challenging career in the field of perfusion & patient care in a professionally reputed hospital, where I can apply my knowledge "and" skill to the best of my abilities

Experience

12/10/2020 - **Amrita institute of medical science**
12/10/2021
Internship
INTERNSHIP IN CLINICAL CARDIAC PERFUSION TECHNOLOGY
Performed more than 60 cases including adult, paediatric & neonatal cases and assisted about 1000 cases (including complex aortic aneurysm,interrupted aortic arch repair etc)

Hospital Information

Studied Bsc cardiac perfusion technology (From AUGUST 2017 to AUGUST 2021(doing 1 year intership from 1st August 2020 to 1 st August 2021) in **Amrita institute of medical science (AIMS)** which offers facilities comprising 25 modern operation theatres,210 equipped intensive - care beds, a fully computerized and networked Hospital Information System (HIS), a fully digital radiology department, a 24/7 telemedicine service and a clinical laboratory. This health care infrastructure with over 3,330,000 sq.ft of built-up are a spread over 125 acres of land supports a daily patient volume of about 3000 out patients and with a 95 percent inpatient occupancy. Having 3 Adult cardiac operation theatre with 13 bedded ICU and 2 Paediatric cardiac operation theatre with 12 bedded ICU and 2 cathlab . Doing more than 150 open heart operation per month.

Education

2021 **Amrita vishwa vidyapeetham University**
Bsc cardiac perfusion technology
Successfully completed with second class
Completed higher secondary in March 2016
Completed SSLC in March 2014

Skills

- setting up heart lung machine & priming of perfusion circuits
- Addition of drugs to prime as per protocol

- Perfusion management and techniques
- ABG analysis
- Intra aortic balloon pump
- Patient monitoring
- Health and safety management and infection control
- Starting up of ecmo program
- Setting up cell saver
- Modified ultrafiltration, conventional ultrafiltration, high volume zero balance ultrafiltration
- Continuous retrograde cardioplegia
- SACP & RCP technique
- RAP technique
- Ecmo priming
- Participation in training course as required
- Setting up perfusion equipment in a sterile manner
- Stripping down and cleaning of perfusion equipment's
- Day to day maintenance
- Assist with stock maintenance
- Assist with record keeping of perfusion data
- Perform other duties of comparable responsibilities
- ECMO

Projects

Adult and Paediatric myocardium and its protection strategies during cardiac surgery

Language

English, Malayalam

My Strength

I am self motivated .I can communicate reasonably well. I have a good level of emotional intelligence to get along with different types of patients & colleagues. I am trained to be proactive . I am a good organizer

Equipment's Handled

- Heart lung Machine : Sarns 8000, S5 Stockert, Maquet HL- 20
- ECMO : Maquet PLS
- IABP : Arrow ACAT3, Data scope
- Heater cooler machine : Stockert , HLU 40, TCM (TERUMO sarna)
- Oxygenator : Lilliput , Inspire , Brizio

- Hemoconcentrator : NIPRO , SORIN

- Pluse module : 3M sarns

Reference

Dr. Praveen varma P.K - "Amrita institute of medical science"

Professor and HOD department of CVTS

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Dr.Brijesh P.K - "Amrita institute of medical science"

Pediatric and Cardiovascular surgeon department of CVTS

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Dr. Aveek Jayant - "Amrita institute of medical science"

Anaesthesiology and Critical Care Medicine

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Mr. Baburaj V D - "Amrita institute of medical science"

Chief perfusionist

baburajvd@yahoo.com

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Declaration

I am hereby declare that the above give information is true to the best of my knowledge ang belief and can be supported by relevant certificates and documents.

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