

CURRICULUM VITAE OF CLINICAL PERFUSIONIST

MARIYA ALIYAS



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CONTACT ADDRESS

**MARIYA ALIYAS
KARUMANKOTTIL HOUSE
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683556**

LANGUAGES KNOWN

Fluent in
English,Hindi &
Malayalam

ACADEMIC SKILLS

Actively involving in seminars and giving lectures/training to the perfusion students.

CAREER OBJECTIVE

'Seeking a growth-oriented and challenging career in the field of clinical perfusion and patient care in a professionally reputed hospital, where I can apply my knowledge and skills to the best of my abilities'.

PERSONAL DETAILS

Name. : MARIYA ALIYAS
DOB. : 30.09.1998
Gender : Female
Marital status : Single
Nationality. : Indian
Religion. : christian

EDUCATIONAL ACHIEVEMENTS

- **B.Sc in Cardiac Perfusion technology awarded by Amrita Institute of Medical Sciences, Kochi, Kerala on september2021**
- **Completed higher secondary in March 2016 .**
- **Completed SSLC in March 2014.**

PROFESSIONAL EXPERIENCE

- Performed more than 150 cases including adult, paediatric and neonatal and assisted about 1200 cases (including complex aortic aneurysms, interrupted aortic arch repair etc.)
- Done 1 year internship at Amrita Institute Of Medical Sciences Kochi from september 2020 to September 2021.
- Working as cardiac Perfusionist trainee at amrita institute of medical sciences kochi from December 2021 onwards.

HOBBIES

Listening music, Reading,
Travelling, cooking

MY STRENGTHS

I am self-motivated and 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.

ACADEMIC PROJECT

CANNULAS FOR CPB AND ITS ADVANCEMENTS

Under the guidance of
DR.PRAVEEN REDDY B
Clinical assistant professor
AIMS,kochi

PERSONAL ATTRIBUTES

- Adapts to new working environment easily.
- Sociable, good team member.
- Empathetic and understanding nature.
- Utilizes all educational opportunities.
- Able to handle emergency situations.
- Devoted to service.

AREAS OF INTEREST

- Developing innovative solutions for improved patient outcomes.
- Setting of cardiac surgical units and ECMO Programme.
- Goal directed perfusion.
- Neonatal perfusion.
- Ventricular assist devices and heart transplantation.
- Miniaturized perfusion circuits and blood conservation techniques.
- Minimally invasive cardiac surgery.
- Ultrafiltration techniques.

PROFICIENCY IN

- Setting up heart lung machine and 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 ECMO program.

TECHNIQUES I AM FAMILIAR WITH

- Modified Ultrafiltration, Conventional Ultrafiltration, High volume zero balance Ultrafiltration.
- Continuous retrograde cardioplegia.
- Selective antegrade and retrograde cerebral perfusion.
- Retrograde Autologous priming.

I GOT HANDS WITH

- 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

REFERENCES

Dr. Praveen Varma P K

Professor and HOD
Department of CVTS
AIMS
Ponekkara P O
Kochi, Kerala
9633671289
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Dr. Brijesh P K

Consultant
Pediatric Cardiovascular Surgeon
Department of CVTS
AIMS
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Mr. Baburaj V D

Chief Perfusionist
AIMS
Kochi, Kerala
9496142952
Email: baburajvd@yahoo.com

EQUIPMENTS HANDLED

1. Heart Lung Machine : Sarns 8000, S5 Stockert, HL 20
2. ECMO : Maquet PLS
3. IABP : Arrow CAT1 plus, Datascope, Arrow
ACAT 3
4. Heater cooler machine : Stockert, HCU 40, TCM(TERUMO Sarns)
5. Oxygenators :Lilliput,Inspire,Trillie,Dideco,Capiox,Affinity
6. CP system : Myotherm, Sorin BCD
7. Hemoconcentrator : Nipro, Sorin Hemofilter
8. Pulse module : 3M Sarns

CONFERENCES

- 3rd Amrita Heart Conclave 2017, MICS CABG at Amrita Institute of Medical Sciences, Kochi.
- 4th Amrita Heart Conclave 2018, Aortic Arch Replacement at Amrita Institute of Medical Sciences, Kochi.
- 5th Amrita Heart Conclave 2019, Total Endoscopic Mitral Valve Repair **(Basics->Advanced)** at Amrita Institute of Medical Sciences, Kochi.
- Paediatric ECMO Programme 2019, Amrita Institute of Medical Sciences, Kochi.
- SECT Kerala, Fifth Annual Conference Kochi 2019.
- Monsoon Perfusion Summit Kochi 2022.

DECLARATION

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

MARIYA ALIYAS