

CURRICULUM VITAE OF CLINICAL PERFUSIONIST

AKSHAI L



laljimannel1998@gmail.com

Mob : +91 9207048747

CONTACT ADDRESS

AKSHAI L

MANNEL

KOTTACKUPURAM

CLAPPANA P O

VALLIKAVU,

KOLLAM

KERALA

690525

LANGUAGES KNOWN

Fluent in English &
Malayalam

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. : AKSHAI L
DOB. : 20.05.1998
Gender : Male
Marital status : Single
Nationality : Indian
Religion. : Hindu

EDUCATIONAL ACHIEVEMENTS

- **B.Sc. in Cardiac Perfusion technology awarded by Amrita Institute of Medical Sciences, Kochi, Kerala in October 2021 with First Class**
- **Completed higher secondary in March 2016**
- **Completed SSLC in March 2014.**

PROFESSIONAL EXPERIENCE

Performed more than 50 cases including adult, pediatric and neonatal and assisted about 1000 cases (including complex aortic aneurysms, interrupted aortic arch repair etc.)

ACADEMIC SKILLS

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

MY STRENGTHS

I am an Active – listener.
I can communicate reasonably well. I am good at decision making. 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

HEPARIN AND ITS ALTERNATIVES

Under the guidance of
Dr. Rajesh Jose
Associate Professor,
Amrita Institute of Medical
sciences 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

- Setting of cardiac surgical units and ECMO Programme.
- 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.
- Setting up cell saver.

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.
- Total circulatory arrest

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
Email: yarmapk@gmail.com

Dr. Brijesh P K

Consultant Pediatric
Cardiovascular Surgeon
Department of CVTS
AIMS
Kochi, Kerala
9895633527
Email: brijeshpk@aims.amrita.edu

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
ACAT 3 | : Arrow CAT1 plus, Datascope, Arrow |
| 4. Heater cooler machine | : Stockert, HCU 40, TCM (TERUMO Sarns) |
| 5. Oxygenators. | : Brizio, Lilliput, Inspire. |
| 6. CP system | : Myotherm, Spictra, Calafiore, 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.

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.

AKSHAI L