






# GOURI KRISHNA A

 +91-9895358790  
 gouri.krish2000@gmail.com  
 Cochin, Kerala 682024  
 DOB -17/10/2000  
 Marital Status / Single

## EDUCATION

### HIGHER SECONDARY

VIJAYAGIRI PUBLIC SCHOOL, CHALAKKUDY  
2016 - 2018

### BSC IN CARDIAC PERFUSION TECHNOLOGY

AMRITA INSTITUTE OF MEDICAL SCIENCE  
KOCHI, KERALA  
2018 - 2022

## LANGUAGES KNOWN

- ENGLISH
- HINDI
- TAMIL
- 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 skills to the best of my abilities.

## PROFESSIONAL EXPERIENCE

- Performed more than 100 cases including adult, paediatric and neonatal and assisted about 1000 cases (including complex aortic aneurysms, interrupted aortic arch repair etc.)

## AREAS OF INTEREST

- The setting of cardiac surgical units and ECMO Programme.
- Neonatal perfusion
- Ventricular assist devices and heart transplantation.
- Miniaturised 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.

## FAMILIAR TECHNIQUES

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

---

## INVOLVEMENT IN

- Participation in the training course as required.
- Setting up perfusion equipment in a sterile manner.
- Stripping down and cleaning of perfusion equipments.
- Day-to-day maintenance
- Assist with the stock maintenance
- Assist with record-keeping of perfusion data.
- Perform other duties of comparable responsibilities
- ECMO

---

## EQUIPMENT HANDLED

- Heart Lung Machine : Sarns 8000, S5 Stockert, HL 20
- ECMO : Maquet PLS
- IABP : Arrow CAT1 plus, Datascope, Arrow ACAT 3
- Heater cooler machine : Stockert, HCU 40, TCM( TERUMO Sarns)
- Oxygenators. : Inspire, Lilliput, Kids, Trilly, Capiox
- CP system : Sorin BCD
- Hemoconcentrator : Nipro, Sorin Hemofilter
- Pulse module : 3M Sarns

---

## REFERENCES

**DR.PRAVEEN VARMA P K**  
Professor and HOD

**DR.BRIJESH P K**  
AIMS,KOCHI,KERALA  
**919895633527**  
brijeshpk@aims.amrita.edu

**DEPARTMENT OF CVTS**  
AIMS,PONEKKARA PO  
KOCHI,KERALA  
**919633671289**

**MR.BABURAJ V D**  
CHIEF PERFUSIONIST  
AIMS  
KOCHI, KERALA  
**919496142952**  
baburajvd@yahoo.com