

# ANUPAMA SURESH

## CONTACT

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## PROFESSIONAL SUMMARY

- I am a clinical perfusionist, completed my internship from Amrita Institute of Medical Sciences and Research Centre, with experience in adult, pediatric and neonatal perfusion techniques

## 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 utilize my strength, knowledge and skills to the best of my abilities, which will help me to explore myself fully and serve the organization

## EDUCATION

2019-2023

- **Bsc Cardiac Perfusion Technology**  
Amrita Institute of Medical Sciences and Research Centre  
84.82% : Gold medalist

2019

- **CBSE - 12th**  
Sree Sabari Central School and Junior College, Nooranad  
93% : School Topper

2017

- **CBSE- 10th**  
Sree Sabari Central School and Junior College, Nooranad  
CGPA - 10.0

## EXPERIENCE

2022 - 2023

- **INTERNSHIP**  
Amrita Institute of Medical Sciences and Research Centre
  - Performed more than 30 cases including adult, pediatric and neonatal and assisted over 1000 cases (including complex aortic aneurysms, Interrupted aortic arch repair etc).
  - ECMO cases including respiratory and cardiac
  - IABP initiation and weaning.
  - Setting up of Cell Saver.
  - Management of VAD

## TECHNICAL SKILLS

- \* Managed all type of adult, pediatric and neonatal procedures requiring CPB

- \* Handled different scenarios on pump
- \* Conduct special perfusion techniques like ACP, RCP, TCA
- \* Maintenance of inventory and records
- \* Handling of IABP, ECMO, VAD.
- \* ABG analysis
- \* Ultrafiltration techniques like CUF, MUF,Z-BUF
- \* Performed independently more than 30 cases including TAPVC Repair, FONTAN, ICR, ASD, VSD, BDGS, MVR, AVR, Partial AV Canal Repair etc
- \* Assisted all type of pediatric CPB ( such as Arterial Switch Operations, ALCAPA, TAPVC, Rastelli, Sennings, Interupted aortic arch repair etc)
- \* Adult surgeries like Bentall, Arch repair, CABG, Valve surgeries, Septal Myectomy, Aneurysms repair, Aortic dissection repair, Heart transplantation etc.

## AREAS OF INTEREST

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- \* Setting of cardiac surgical units and ECMO programme
- \* Adult, pediatric and neonatal perfusion.
- \* LV assist devices and heart transplantation
- \* Ultrafiltration techniques
- \* Miniaturized perfusion circuits and blood conservation techniques
- \* Advancements in perfusion

## PERSONAL ATTRIBUTES

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- \* Adapts to new working environment easily
- \* Able to handle emergency situations
- \* Utilizes all educational opportunities
- \* Basic computer skills ( Excel, Word, PowerPoint)
- \* Capable of working as a team and independently
- \* Effective verbal and written communication skills
- \* Risk analysis and management
- \* Strong sense of responsibility
- \* Devoted to service

## EQUIPMENTS HANDLED

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- \* Heart lung machine - Sorin Stockert S5, Maquet HL20, Terumo SARNS 8000
- \* ECMO - Maquet Rotaflow
- \* IABP - Datascope CS300, Teleflex Arrow ACAT3
- \* Heater cooler machine - Stockert , Maquet HCU40, Terumo SARNS
- \* Oxygenator - Liliput, Inspire, Affinity, KIDS,TRILLY, CAPIOX
- \* CP system - SORIN BCD
- \* Hemoconcentrator - SORIN , BLLS
- \* Cell Saver - Fresinus Kabi, SORIN
- \* VAD - Centrimag

## PROJECTS

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- **Advancements in cardioplegia**  
Under the guidance of Dr Rajesh Jose , Associate Professor, Amrita Institute of Medical Sciences and Research Centre

## REFERENCES

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- Dr. Praveen Varma P K  
Professor and HOD  
Department of CVTS  
Amrita Institute of Medical Sciences and Research Centre, Kochi  
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Dr. Brijesh P K  
Consultant and pediatric cardiovascular surgeon  
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## DECLARATION

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