



ABHIJITH ANILKUMAR

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### Career Objective

Graduate in Bsc. Cardio Pulmonary Perfusion Care Technology, with consistent academic performance skills and abilities in the field of Perfusion, with good interpersonal and organizing skills and driven by my passion towards being a PERFUSIONIST.

### Academic Summary

Qualification	Institute Name	Board/University	Year of passing	Percentage of marks
Internship	Kovai Medical Center and Hospital Tamilnadu	The TamilNadu Dr.M.G.R Medical University	Feb 2022 - Feb 2023	---
Bsc.CardioPulmonary Perfusion Care Technology	KMCH College of Allied Health Sciences, Coimbatore	The TamilNadu Dr.MGR Medical University	2022	62%
12 <sup>th</sup>	Sree narayana Higher Secondary school, Okkal ,Ernakulam	Kerala State Board	2018	75.5%
10 <sup>th</sup>	Sree narayana Higher Secondary school, Okkal ,Ernakulam	Kerala State Board	2015	74%

### Internship

- Training (intenship) as a Perfusionist in Kovai Medical Center and Hospital from February 2022 to February 2023.

### Professional Skills

- Operate Cardiopulmonary bypass circuits during open heart surgery.
- Reviews patient medical history, chart and consults with surgeon/physician to obtain patient information needed to setup HLM associated equipment.
- Monitor vital signs to maintain physiological functions during open heart surgery.
- Variety of clinical experiences involving routine and complex procedures on both adults and pediatrics.
- Establishing cardiopulmonary bypass for the cases like :
  - a. CABG, valve repair or replacement.
  - b. Repair of aortic aneurysm/dissection (Bentall's) .

- c. Emergency open heart procedures for patients in dire straits having unstable angina, stuck valve, in failure of balloon angioplasty, implantation of stent, failure of TAVI (Trans Catheter Aortic Valve Implantation) and hemodynamically unstable patients.
- d. Heart and lung transplant
- e. Congenital pediatric and neonatal defects
- f. Repair of VSR, LA Myxoma Excision
- g. Redo procedures
- h. Brom aortoplasty for supravalvular Aortic stenosis

#### Professional Experience

- Done over 12 adult cases and 2 pediatric cases.
- Operate IABP
- Done HIPEC (Hyperthermic Intra Peritoneal Chemotherapy)
- Done adult ECMO – VA (Veno Arterial), VV (Veno Venous).
- Done hybrid ECMO
- LVAD

#### Equipments Exposure

- Heart and lung machine – STOCKERT S3, STOCKERT S5, NEW STOCKERT S5
- Heater cooler unit – STOCKERT 3T and 2T
- Oxygenators – SORIN INSPIRE 8 & 6, SORIN INSPIRE 8F & 6F. MAQUET QUADROX, DIDECO 905, SORIN KIDS 101, MEDOS 1000, MEDOS 2800, MEDOS LT 7000 FOR ECMO.
- IABP – MAQUET CS 300, MAQUET CS 100, DATASCOPE SYSTEM 97.
- ECMO – MEDOS DELTASTREAM DP3 , MAQUET CARDIOHELP & SORIN .
- Hemoconcentrators – Hemacor HPH 1000 & Hemacor HPH 400.
- CPDS- Spictra MPS
- Adult Arterial Filter – PALL AL-8, PALL AL-6 & Spictra bubble trap
- Cell Saver – Sorin Xtra ATS.
- Blood Gas Analyser – Cobas b 121.
- ACT machine – Medtronic ACT PLUS
- Centrifugal pump – sorin revolution, Medos Deltastream DP3, Centrimag Levitronix

#### Techniques

- Myocardial protection techniques – hypothermic blood cardioplegia, crystalloid cardioplegia, delnido cardioplegia.
- Hemofiltration technique CUF, MUF, ZBUF, PUF.
- Blood conservation techniques .
- DHCA.
- VAVD
- Adsorption Therapy – Cytosorb.

### Clinical Exposure

- OPD
- Cardiac ward posting

### Workshops Attended:

- ISECT CON 2023
- Basic life support (BLS)
- Monsoon perfusion summit 2022
- Perfusion conclave 2022
- RAPCON 2022

### Personal Information

Name : Abhijith Anilkumar  
Father's name : Anilkumar C.S  
Father's occupation : A/C Technician  
Address : Cheruparambil House, Koovappady P.O ,Thodaparambu , Ernakulam  
Kerala, PIN : 683544  
Date of Birth : 26-05-2000  
Gender : MALE  
MaritalStatus : Single  
Nationality : Indian  
Languages Known : ENGLISH, MALAYALAM, TAMIL

The information stated above is true and to the best of my knowledge.

Place : PERUMBAVOOR

Abhijith Anilkumar

## REFERENCES:

- 1) Dr. Prashant Vaijyanath [MS., Mch. (AIIMS), FACS, FCS]  
Director of Cardiothoracic Surgery  
Kovai Medical Center and Hospital  
Coimbatore - 641014  
Ph: 0422-4324530.
- 2) Dr. K.R.Gunaseelan [MS, MRCS(Ed), MCH (CTVS)]  
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- 3) Dr. Ramesh varatharajan [MD, DNB, PDCC, FACPC(TORONTO) IDECMO(Paris)]  
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- 4) Mrs.R.Thilagavathy.  
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