

Cover for the post of Medical Imaging Technology

From,

Albin Tom

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To,

Head of department

Sub: Application for the post of Perfusionist Trainee

Respected Sir,

I am Albin Tom, Bsc cardiac perfusionist graduated from JSS Medical College, Mysore. I have gained practical knowledge by assisting consultant in various cases. I came to know that vacancy for the post of perfusionist trainee is existing and I am interested to apply for the same.

I assure that, if I am given an opportunity to work in these esteemed institutes, I will discharge my duties sincerely.

Thanking you

faithfully,

ALBIN TOM

CAREER OBJECTIVE

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

ACADEMIC PROFILE

Name of Exams	Year of Passing	Institution of Study	Examining board/ University	Percentage
B.SC Perfusion Technology	2018	JSS Medical college, Mysore	JSS University	57
Plus two	2014	Devamatha Higher Secondary School Paisakary	KERALA STATE BOARD	79
SSLC	2012	St.Augustin's High School Nellikutty	KERALA STATE BOARD	81

MEDICAL CERTIFICATES

Basic Life Support (BLS)

Attended CME on Allied Health Science 2016 conducted by JSS medical college

WORK EXPERIENCE

I had done my 6 months internship in **JSS HOSPITAL, NARAYANA HRUDAYALAYA, CAUVERY HOSPITAL IN MYSORE**

DISCRIPTION OF DUTIES

- Prebypass patient assessment
- Assembling and priming of cardiopulmonary circuit

- Assembling of cardioplegia delivery system
- Initiation and monitoring of perfusion
- Analysis and managing blood gas
- Loading of drugs
- Managing of centrifugal pump
- Hemoconcentration for CUF and MUF
- Hemotherm for cooling and warming during bypass

CASES HANDLED

- Atrial Septal Defect- Pericardial patch closure
- Coronary Artery Disease – CABG
- Mitral Valve Replacement

CASES ASSISTED

- Tetralogy of Fallot (TOF)
- LA Myxoma
- Coronary Artery Defect – CABG
- Double Valve Replacement
- Aortic Valve Replacement
- Patent Ductus Arteriosus (PDA)

TECHNIQUES HANDLED AND ASSISTED

- Warm, cold cardioplegia technique
- Microplegia
- Del-Nido cardioplegia
- Acute Normovolemic hemodilution
- Blood conservation techniques
- Warm , Beating heart surgery

EQUIPMENTS USED

- Heart Lung Machine : MAQUET HL 18, Sarns 8000
- Oxygenator : Maquet quadrox, Capiox, Medtronic Affinity, Brizio
- Hemotherm : Maquet HL20,
- Blood Cardioplegia device : Spictra , Sorin
- ACT machine : Medtronic ,
- ABG machine : Siemens , Radiometer
- Intra Aortic Pump: Maquet CS300
- All filters, Arterial filters , Bubble trap

BIODATA

Name : Albin Tom

Gender : Male

Religion : Christian RC

Date of Birth : 09 - 05 - 1996

Name of Father : Thomas

Name of Mother : Salomy

Marital Status : Single

Nationality : Indian

Known languages : Malayalam , English , Hindi , Kannada and Tamil

DECLARATION

I hereby declare that information furnished above is true to the best of my knowledge and belief.

Date :

Kannur

REFERENCE

Dr. Shyam Prasad Shetty
Head of the CTVS department ,
JSS Hospital , Mysore
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Mr.Maria Joseph
Senior Perfusionist,
JSS Hospital , Mysore
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