



Mainak Dhara

Durgapur, West Bengal, India

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Seeking to leverage my skills in Cardiovascular Surgery and patient care in the role of Junior Perfusionist at a reputable hospital.

Professional Experience

BGS GLENEAGLES GLOBAL HOSPITAL, BANGALORE

03/23 - 03/24

Intern Perfusionist

- Arranged perfusion activities, assembled circuit for CBP and cell saver, managed stock, monitored IABP, and supported Senior Perfusionist during cardiac procedures
- Assisted in Cardiac Transplants from both donor and recipient perspectives
- Participated in procedures including Myxoma, Valve replacements, adult ASD, pericardial effusion, emergency and elective CABG's, and thoracic surgeries like lobectomy and pneumonectomy
- Proficient in handling various instruments including Maquet HL20, Datascope CS100 and CS300, Maquet Hemotherm, Sarns Hemotherm, and Fresenius Kabilyte CATS

Narayana Hrudalaya RTIICS, KOLKATA

03/22 - 06/22

Student Perfusionist

Apprenticeship

- Experienced in various adult and pediatric cases, including Bentall, aneurysm, ASD/VSD closure, TOF, valve replacements, and elective/emergency CABG procedures
- Skilled in handling instruments such as Maquet HL20, Stockert SIII/S5, Sorin S5, Stockert Hemotherm, and Datascope CS100

Healthworld Hospitals, Durgapur

01/21 - 03/21

Student Perfusionist

- Gained valuable experience in adult and pediatric cardiac surgeries during COVID
- Proficient in handling Maquet HL20 and Maquet Hemotherm instruments

Education

Rajiv Gandhi University of Health Sciences

10/19 - 03/24

BSc In Perfusion Technology - First Class in All years and college topper.

- Harsha Institute of Allied Health Sciences

Central Board of secondary education (CBSE)-2019

05/17 - 05/19

Class 12 - 80%

- PCMB

ICSE-2017

05/17

Class 10 - 85%

Projects

A Comparative Study On Crystalloid Priming Fluids.

12/23 - 02/24

- Conducted comparative study on CABG and valve replacement cases with 100 patients divided into 4 groups
- Analyzed pre and post op patient data for lactate, RBS, and blood transfusion
- Determined Plasmalyte-A as superior crystalloid priming fluid for adult patients

Key Skills

- Dedicated professional
- Strong time management
- Collaborative team player
- Effective communicator
- Analytical thinker
- Fast learner
- Compassionate and balanced