

MAHROZ AZAZ KHAN

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Professional Summary

To pursue my career in Cardiovascular Perfusion at an institution that incorporates state-of-the-art policies, procedures and technologies with an evidence-based approach in the daily care of cardiovascular patients.

Experience

Cardiac Perfusionist

October 2023 - present

DR PRABHAKAR KORE HOSPITAL - Belgaum

- Operated the heart-lung machine under observation during surgery to take over heart and lung functions for a patient during surgery or respiratory failure.
- Reviewed patients medical history and medical charts and consults with surgeon and/or physicians to obtain pertinent patient medical information.
- Monitored and observed patient physiological variables on the heart-lung machine to maintain the patients quality of life and normal cardiovascular functions.
- Operated the heart-lung machine during surgeries to maintain and regulate the patients blood flow and composition, to administer the appropriate drugs and anesthetics and control the body temperature.
- Cleaned, maintained and sets-up the heart-lung machine and all its necessary equipment and parts.
- Provided clinical perfusion care for a variety of surgical and non-surgical procedures.
- Responsible for maintenance of all perfusion related equipment

February 2023 - present

Pathology lecturer

AL AMEEN PARAMEDICAL COLLEGE - Belgaum

- Created excitement and enthusiasm in classroom by delivering engaging subject matter.
- Graded quizzes, tests, homework, and projects to provide students with timely academic progress information and feedback.
- Created syllabus and instructional plans for each class session in accord with stated course objectives.
- Guided students in researching, structuring and presenting debate case.
- Maintained regular office hours to provide struggling students with additional course help.
- Used different learning modes and types of technology to engage students in achieving learning outcomes.
- Identified research opportunities for students, assisting with gathering data and drawing conclusions for projects.

February 2023 - January 2024

AL MAKTAB-E-NOMANIA - Belgaum

Science and English Tutor

- Designed detailed learning plans for struggling students based on test, homework and assignment records.
- Graded and evaluated student assignments, papers, and course work.
- Supported student teachers by mentoring on classroom management, lesson planning, and activity organization.
- Advised and counseled students to help them develop skills and knowledge required to succeed.
- Developed and administered tests for students to measure academic proficiency and understanding.
- Worked with staff members and teachers to design comprehensive and individualized plans to optimize student education.

DR.HADI HOSPITAL - Hyderabad

January 2020 - May 2020

Nursing Assistant

- ACTIVE VOLUNTEER DURING COVID-19 PANDEMIC

Education

- 02/2024 Bachelor of Science Perfusion Technology
Jawaharlal Nehru Medical College ,Belgaum
completed 6 months of internship as a perfusionist in KLE DR Prabhakar Kore hospital and medical
Reasearch centre
- 07/2020 Higher Secondary
Sultan Ul Uloom Junior College And Public School ,Hyderabad
- 08/2018 High School
SHEYN INTERNATIONAL SCHOOL , Jamshedpur

Skills

- Assembled,prime and operate various CPB/ECMO system
- Knowledge in physics, human anatomy and physiology, and chemistry as it relates to the science of perfusion
- Cardioplegia delivery systems such as retrograde cardioplegia delivery, anatomy, physiology, and pharmacology
- Knowledge of the blood gas machine and ACT machine with the ability to interpret the results.
- Knowledge of components of **Extracorporeal Circuit**.
- Demonstrates knowledge of concepts and principles in the field of perfusion services
- Excellent communication skills and basic computer skills.
- **Myocardial Protection techniques- Del Nido, modified Del Nido, Saint Thomas and Buckerberg solutions.**
- **knowledge of blood product conservation method.**
- Student Mentoring
- Online Teaching
- Powerpoint Presentations
- Extracorporeal Membrane Oxygenation(ECMO) assessment
- Emergency Preparedness
- MS Office

Accomplishments

COURSES CERTIFICATION

DEPARTMENT OF CARDIAC ANESTHESIOLOGY,JNMC BELGAUM

- BASICS OF TRANSESOPHAGEAL ECHOCARDIOGRAPHY
- MECHANICAL VENTILATION

PARTICIPATION CERTIFICATION

COVID 19 VACCINATION ROLLOUT CAMPAIGNS

- PARTICIPATED ACTIVELY AS A VOLUNTEER IN VARIOUS VACCINATION CAMPS CONDUCTED ALL OVER THE VILLAGE BELAGAVI DISTRICT AND HAD REGISTERED AND VACCINATED OVER 3200 PERSONS

NATIONAL SERVICE SCHEME-ANNUAL CAMP 2022

- PARTICIPATED ACTIVELY AS A VOLUNTEER IN SEVEN DAYS NATIONAL SERVICE SCHEME SPECIAL ANNUAL CAMP

LABORATORY INFORMATION MANAGEMENT SYSTEM

- PARTICIPATED AS DELEGATE IN THE CME ORGANIZED BY THE DEPARTMENT OF BIOCHEMISTRY IN JAWAHARLAL NEHRU MEDICAL COLLEGE.

NATIONAL BOARD OF EXAMINATIONS IN MEDICAL SCIENCE

- PARTICIPATED IN NBEMS CPR PROGRAMME 2023.

Languages

- English-Advanced
- Urdu-Bilingual or Proficient
- Hindi-Bilingual or Proficient