

# Ayesha Qayyum

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Date of Birth: April 23, 1990

## PERSONAL STATEMENT

As a highly motivated and fervent **Cardiac Per-fusionist** within the field, I have a proven track record of providing exemplary levels of service during **5 years** of upheld **professional experience**. Looking forward to obtain a challenging position in progressive fast-paced organization, which embraces, and offers expansion and growth for itself and its employees.

## Employment History

### The Children's Hospital & Institute of Child Health Care, Lahore Pakistan

**Cardiac Per-fusionist (Oct, 2020 – Current)**

### Hameed Latif Hospital, Lahore Pakistan

**Cardiac Per-fusionist (Sep, 2019 – Feb, 2020)**

### Rawalpindi Institute of Cardiology, Rawalpindi Pakistan

**Cardiac Per-fusionist (July, 2016 – April, 2019)**

- To assess, evaluate, plan and implement the case plan by defining both short term and long term goals. Independently handling the patients overall and formulate assessment chart and keeping record of all the phases as well during CPB.
- Management of Cardiac Perfusion departments.
- Independently doing perfusion during CPB.
- An ample experience of Cardiac perfusion namely:
  - ❖ Circuit Assembling Techniques
  - ❖ Priming of a circuit technique
  - ❖ Choice of Cannula.
  - ❖ Selection of Oxygenators
  - ❖ Initiation, maintain and weaning off from Cardiopulmonary bypass.
  - ❖ Cardioplegia routes and delivery systems
  - ❖ Different Cardioplegia Delivery systems, warm and Cold Cardioplegia techniques.
  - ❖ CUF and MUF Filtration Techniques in CPB.
  - ❖ Use of a Cell Saver Techniques
  - ❖ Independently handling of IABP.
  - ❖ Use of Hemotherm during CPB.
  - ❖ Capability of Handling CPB Accidents.

**Assistant Per-fusionist (Oct, 2014 – July, 2016)**

- Handlings problems/ CPB accidents during CPB.
- Handling and proper operating Cardiopulmonary bypass machine.

### Punjab Institute of Cardiology, Lahore Pakistan

**Trainee Cardiac Per-fusionist (March, 2014 – August, 2014)**

- Operates the heart-lung machine.
- Operates electronic monitoring equipment associated with open heart and cardiovascular surgery.
- Assists with the care and maintenance of present or acquired equipment and supplies.

- Prepares and packages supplies pertaining to heart lung machine and monitoring equipment.
- Performed such other duties as may be assigned.

## **Gulab Devi Hospital, Lahore Pakistan**

### **Internee Cardiac Per-fusionist (March, 2013 – March, 2014)**

- Sets up and operates ECMO's, Cell Savers, Rapid Infusion devices and all available perfusion devices, which may involve the use of X-rays or fluoroscopy as a diagnostic aid in the procedure.

## **SKILLS AND OTHER INFORMATION**

- **Technical:** Can use [Heart Lung Machine](#), [Roller and Centrifugal Pumps](#), [Cell Saver](#), [Hemo Filter](#), [Extra Corporeal Membrane Oxygenator Machine](#), [SPSS](#), [Endnote](#), [WordPress](#), [Microsoft \(Word, Excel, PowerPoint\)](#)
- **Professional Affiliations & Accreditations:** [University of Health Sciences](#), [Higher Education Commission Pakistan](#), [Pakistan Clinical Perfusionist](#).
- **Driving Licences:** Holding full clean [Pakistani driving licence](#).
- **Languages:** Fluent English, Urdu, Punjabi.
- **Social:**
  - Visited Faculty (Cardiac Perfusionist) **Sultan Qaboos University Hospital, Oman** and **Royal Hospital Oman** for one month Dec 2016 to Jan 2017.
    - ❖ Learnt ECMO set up printing and trouble shooting.
    - ❖ TEG Technology, Introduction and Operation.
    - ❖ LVAD the management of CPB during LVAD implantations.
    - ❖ Blood Cell saver setup, collection of the blood and process of washing the cells.
    - ❖ Centrifugal pump operation and management risk and benefits difference with roller pumps.
    - ❖ Perfusion Data Collection and record keeping.
  - Registered member of Pakistan Society of Clinical Perfusionist.
  - Attended Annual Conference of Pakistan Society of Cardiovascular and Thoracic Surgeons held at Islamabad in December 2018.
  - Attended 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Biennial Conference of Pakistan Society of Clinical Perfusionist.
  - Workshop of Myocardial Protection System (MPS) at Rawalpindi Institute of Cardiology held in Aug 2018.
  - Attended Infection Control Awareness Activity Day at Rawalpindi Institute of Cardiology held in March 2015.
  - Attended Seminar/Workshop- Cardiopulmonary bypass surgeries organized by Punjab Institute of Cardiology, Lahore.
  - Attended Symposium on Heart Diseases held at Allama Iqbal Medical College Lahore.
- **Leisure Activities:** Travelling, Book Reading.
- Raised Funds for Earthquake Victim's Pakistan, in 2005.

## **EDUCATION & QUALIFICATIONS**

### **MPhil/ Master of Public Health**

Sarhad University, Peshawar, Pakistan (May, 2017 – March, 2019)

### **BSc (Hons.) Cardiac Perfusion**

Gulab Devi Postgraduate Medical Institute, Lahore, Pakistan (January, 2010 – March, 2014)

### **H.S.S.C (Intermediate Pre-Medical)**

Leadership College for Women, Rawalpindi, Pakistan (September 2005 – May 2008)  
Biology, Physics, Chemistry

<b>S.S.C (Matriculation Science)</b>
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Govt. Girls Higher Secondary School, Qaboola, Pakistan (September 2003 – May 2005)  
Maths, Physics, Chemistry, Biology

## REFERENCES

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**Nusrat Rizvi,**  
Chief Per-fusionist, Sultan Qaboos University  
Hospital, Oman  
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