**Dr M Hamdan Waqas**

**M.B.B.S, FCPS (Cardiology)**

**Fellowship in Interventional Cardiology (U.K)**

**Member British Cardiac Intervention Society**

**CURRICULUM VITAE**

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NAME: MUHAMMAD HAMDAN WAQAS

FATHER NAME: CH.ABDUL GHAFOOR

DATE OF BIRTH: 13-09-1983

NATIONALITY: PAKISTAN

DOMICILE: GUJRAT

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**EDUCATIONAL QUALIFICATION:**

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|  | **YEAR** | **BOARD/UNIVERSITY** | **GRADE** |
| **SSC** | 1999 | GARRISON ACADEMY,  KHARIAN CANTT, PAKISTAN. | A-1 |
| **HSSC** | 2001 | GARRISON ACADEMY,  KHARIAN CANTT, PAKISTAN. | A |
| **MBBS** | 2007 | LAHORE MEDICAL & DENTAL COLLEGE,  LAHORE, PAKISTAN | 1ST DIVISION |
| **FCPS (Cardiology)** | 2015 | COLLEGE OF PHYSICIANS &SURGEONS  PAKISTAN. |  |
| **Clinical Fellowship in**  **Interventional Cardiology** | 2019 | QUEEN ELIZABETH HOSPITAL,  BIRMINGHAM, UNITED KINGDOM |  |

**EXPERIENCE:**

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| **POSITION HELD** | **INSTITUTION** | **DATE** |
| **HOUSE OFFICER** | MAYO HOSPITAL, LAHORE, PAKISTAN. | 09-05-2007 to 08-05-2008 |
| **P.G TRAINEE (GEN.MED)** | MAYO HOSPITAL, LAHORE, PAKISTAN. | 22-11-2008 to 31-12-2010 |
| **P.G TRAINEE (CARDIOLOGY)** | PIMS, ISLAMABAD, PAKISTAN. | 01-01-2011 to 31-12-2013 |
| **REGISTRAR (CARDIOLOGY)** | BARMT HOSPITAL,  BAHRIA TOWN, ISLAMABAD, PAKISTAN | 01-04-2014 to 30-09-2015 |
| **CONSULTANT CARDIOLOGIST** | BARMT HOSPITAL,  BAHRIA TOWN, ISLAMABAD, PAKISTAN | 19-02-2016 to 02-10-2016 |
| **SENIOR REGISTRAR**  **(CARDIOLOGY)** | RAWALPINDI INSTITUTE OF  CARDIOLOGY, RAWALPINDI,  PAKISTAN | 03-10-2016 to 31-08-2018 |
| **TRAINING FELLOW**  **INTERVENTIONAL CARDIOLOGY** | QUEEN ELIZABETH HOSPITAL,  BIRMINGHAM, UNITED KINGDOM | 03-09-2018 to 30-09-2019 |
| **CONSULTANT INTERVENTIONAL**  **CARDIOLOGIST** | ISLAMABAD SPECIALIST CLINIC  / MEDICS HOSPITAL  RAWALPINDI, PAKISTAN | 01-09-2020 to date |

**EXPERIENCE DETAILS**

**HOUSE JOB: ( 1year) Mayo Hospital, Lahore, Pakistan.**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **Gen.Medicine** | 6 months | I.V cannulation, ABG’s, NG tubing, Foley’s Catheterization, Endotracheal Intubation |
| **Gen.Surgery** | 6 months | Basic Surgical skills, Pre-op & Post-op care of patients, Appendectomy, Assisted major surgical procedures |

**P.G Training (Gen. Medicine): 2years 1month 8days Mayo Hospital, Lahore, Pakistan.**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **Gen.Medicine** | 1yr, 7mo, 8dy | Double Lumen Catheterization, Peritoneal Dialysis, CV Cannulation, Abdominal & Pleural Paracentesis, Lumbar Puncture |
| **Cardiology** | 2 months | Temporary Pacemaker Implantation, Pericardiocentesis,  Management of Cardiac Emergencies |
| **Pulmonology** | 2 months | Interpretation & reporting of CXR, HRCT. Basics of Bronchoscopic procedures |
| **Neurology** | 2 months | Basic interpretation of CT brain, EEG, EMG & NCS |

**P.G Training (Cardiology): 3 years PIMS, Islamabad & AFIC, Rawalpindi, Pakistan.**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **C.C.U** | 4 months | Management of Cardiac Emergencies, Temporary Pacemaker Implantation, CV Cannulation, Defibrillation,Pericardiocentesis |
| **Inpatient** | 5 months | “ |
| **Outpatient** | 5 months | “ |
| **ETT/Holter** | 2 months | Interpretation & Reporting of ETT & Holter Monitor |
| **Echocardiography** | 4 months | >500 Transthoracic Echo’s as 1st operator  >20 Transesophageal Echo’s as 1st operator |
| **Paeds.Cardiology** | 6 months | Basics of Pediatric Echo, Pediatric Emergency Management, Pediatric Ward & ICU rotation. |
| **Cardiac Surgery** | 4 months | Pre-op & Post-op Surgical care, Basics of Cardiac Surgeries |
| **Angiography** | 6 months | >500 diagnostic Angiographies as 1st operator  >100 PCI’s as 2nd operator  >25 PPM’s as 1st operator |

**REGISTRAR (Cardiology): 1 year 6 months BARMT Hospital, Islamabad, Pakistan**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **Cardiology** | 18 months | >250 diagnostic Angiographies as 1st operator  >50 PCI’s as 2nd operator  >1000 Trans-thoracic Echo’s as 1st operator  ETT reporting, Management of cardiac patients in Emergency &CCU |

**CONSULTANT CARDIOLOGIST: 7 Months, 13 days BARMT Hospital, Islamabad, Pakistan**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **Cardiology** | 7 months  13 days | >150 diagnostic Angiographies as 1st operator  50 PCI’s as 1st operator  >1000 Trans-thoracic Echo’s as 1st operator  ETT reporting, Management of cardiac patients in Emergency &CCU |

**SENIOR REGISTRAR (Cardiology): 1 YEAR, 11 Months**

**Rawalpindi Institute of Cardiology, Rawalpindi, Pakistan**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **Cardiology** | 10 months | >1000 diagnostic Angiographies as 1st operator  716 PCI’s as 1st operator, Including Primary PCI’s as 1st Operator  Trnasthoracic Echo, Transoesophageal Echo, Consultant Outpatient Clinic, CCU and Cardiac Ward Rounds |

**FELLOWSHIP TRAINING IN INTERVENTIONAL CARDIOLOGY: 13 Months**

**Queen Elizabeth Hospital, Birmingham, U.K**

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| **DEPARTMENT** | **DURATION** | **PROCEDURES** |
| **Interventional**  **Cardiology** | 13 months | >400 diagnostic Angiographies as 1st operator  188 PCI’s as 1st operator, 21 Primary PCI’s as 1st Operator  30 PCI’s as 2nd operator  In addition, twice weekly outpatient clinic and ward rounds |

**CERTIFICATES/AWARDS**

1. Silver Medal in Ophthalmology 2007
2. Annual conference of international medical sciences academy 2006
3. 17th annual course on diabetes mellitus 2007
4. 5th national endocrine symposium 2007
5. 2nd international conference on diabetes mellitus 2008
6. 18th annual course on diabetes mellitus 2009
7. 25th international annual congress of Pakistan society of Gastroenterology and

GI endoscopy. 2009

1. 21ST Post-Graduate training course on disease of chest and heart 2009
2. 11th PMA Lahore National Medical Conference 2009
3. Workshop on research methodology, biostatistics and dissertation writing 2010
4. Workshop on communication skills 2011
5. ECG Workshop 2012
6. 13th Annual Cardiology Update 2012
7. ECG Workshop, 16th Annual Cardiology Update 2015
8. IVUS Interpretation workshop 2017
9. Radiation Protection in Cardiology, British Institute of Radiology 2018
10. Advanced Life Support, Resuscitation Council UK 2018
11. Practical IVUS and OCT Course, Manchester, UK 2019

**RESEARCH ARTICLES**

1. Saleem M, Mohsin M, Waqas H. (2017). Severity of Coronary Artery Disease in Patients with or without Diabetic Retinopathy. *Journal of Rawalpindi Medical College*, *21*(4), 325-329
2. Sharma H, Vetrugno V, Waqas MH, George S, Nadir A, Zaphiriou A, Lim S, Ludman P, Doshi SN, Townend J, Khan SQ. Outcomes in patients undergoing high-risk PCI using Impella circulatory support: 10-year experience. Interventional Cardiology. 2020 May 11;12(3):1.
3. Khan HS, Mohsin M, Saif M, Javed A, Waqas H, Satti KN. IMPACT OF COVID 19 PANDEMIC ASSOCIATED LOCKDOWN ON ADMISSIONS SECONDARY TO CARDIAC AILMENTS IN A TERTIARY CARDIAC CENTRE OF PAKISTAN. Pakistan Armed Forces Medical Journal. 2020 Aug 7;70(1):S342-46.

**ABSTRACTS**

1. Kirwin T, Mechery A, Ventrungo V, Waqas M, Townend J, Khan S. 73 Outcomes in patients undergoing percutaneous coronary intervention with chronic kidney disease. Heart. 2019 May 1;105(Suppl 6):A62.
2. Vetrugno V, Waqas M, Sandhu K, Mechery A, Nadir MA, George S, Zaphiriou A, Lim S, Ludman P, Doshi S, Townend J. TCT-322 Outcome in Patients Undergoing High-Risk PCI Using Impella Circulatory Support: 10-Year Experience. Journal of the American College of Cardiology. 2019 Oct 1;74(13 Supplement):B320.