**RESEARCH ARTICLES**

**Research Article in Medical journals**

1. Co-Author of **Frequency of Hospital Acquired Anemia (HAA) in Acute Myocardial Infarction published in** Pakistan heart journal vol 48 no 4 (2015).
2. Co- author of a case study, **“Pleating artifact: A Mimicker of spasm, Clot and Dissection”**. Published in Cath Lab digest on Vol 23, issue10- October-2015.
3. Co-Author of “**Clinical and Echocardiographic Follow-up after Successful Percutaneous Transvenous Mitral Commissurotomy**” Published in Cureus Journal of Medical Sciences 2017 Khan et al. Cureus 9(9): e1726*.* ***PubMed ID:*** ***29201575 PMCID: PMC5707169 DOI: 10.7759/cureus.1726***
4. Co Author **“Intraventricular Dyssynchrony Among Patients with Left Bundle Branch Block**” published in Pakistan Journal of Medical Sciences *DOI: 10.12669/pjms.342.14103*
5. Principal Author“**Frequency of anemia and clinical outcome in patients with congestive heart failure****”** Pakistan Heart Journal Vol 51 No.2 (2018).
6. Co-Author in **“Subclinical Hypothyroidism among local adult obese population”.** Pakistan Journal of Medical Sciences. DOI: 10.12669/pjms.344.14127
7. Co-Author in **“New Onset Atrial Fibrillation Among Patients Presenting with Anterior Wall Myocardial Infarction”** published inPakistan Heart Journal. Vol 51, No 2 (2018).
8. Co- Author in “**Cardiac Arrhythmias and Conduction Disturbance Presenting to a Tertiary care center”**, published in JKCD September 2018, Vol 8, No, 3.
9. Co-author in “**Hypokalemia in patients with acute myocardial infarction”**. Published in Pak Heart J 2019; 52 (01):27-30
10. Principal Author in **“A spectrum of presentation of idiopathic left ventricular tachycardia: a single center experience”**. Approved for publication in Journal of Postgraduate Medical Institute (JPMI).
11. Co- author in **COVID-19 Impact on Cardiovascular System and Cardiac Biomarkers** published in Bulletin of Environment, Pharmacology and life sciences volume 9(9)2020.