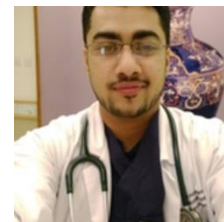


## Cardiac Tamponade: An unusual cause of a severe headache with normal blood pressure



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### Abstract

Cardiac tamponade is a life-threatening condition characterized by slow or rapid compression of the heart due to the accumulation of fluid in the pericardial space and rarely presents mainly as a headache.

We report an unusual presentation of cardiac tamponade associated mainly with severe headache from 3 days and mild shortness of breath in a 60-year-old male not known to have any previous heart disease. Immediate CT scan of the head ruled out intracranial hemorrhage. Chest XR showed cardiomegaly and further echocardiography revealed large pericardial effusion on a transthoracic echocardiogram compromising right ventricular output. Urgent pericardiocentesis was performed and removed 800ml of hemorrhagic fluid that led to a complete resolution of severe headache. All the work up for hemorrhagic pericardial effusion, including Tuberculosis, malignancy and autoimmune screening was negative. PET scan was also unremarkable for any foci of increased uptake. We labelled our case as idiopathic myocarditis complicated with hemorrhagic pericardial effusion, based on Cardiac MRI which revealed features suggestive of Myocarditis or cardiomyopathy.

Headache as the main presentation of a fatal condition like cardiac tamponade without any underlying secondary cause is quite uncommon to find in the literature. Therefore makes it an important reportable case.

### Speaker Publications:

1. "Acute Renal Failure Due to Bile Cast Nephropathy: An Overlooked Cause of Kidney Injury"; cureus/ August 13, 2020/ DOI: 10.7759/cureus.9724.
2. "Non-Atherosclerotic Myocardial Infarction With a Presentation of Wellens Syndrome"; cureus/ July 10, 2020 / DOI: 10.7759/cureus.9116.
3. "Rare Association of Patent Foramen Ovale and Atrial Septal Aneurysm Leading to Branch Retinal Artery Occlusion in a Young Healthy Man"; cureus/ July 03, 2020 / DOI: 10.7759/cureus.8994.
4. "Iatrogenic Iron Overload in a Patient With Chronic Kidney Disease: Is There a Correlation Between Serum Ferritin and Liver Iron Concentration Determined by MRI T2\*?"; cureus/ June 29, 2020 / DOI: 10.7759/cureus.8914.
5. "A Rare and Challenging Presentation of Empyema Necessitans/Necessitasis Leading to Brachial Plexopathy"; cureus/ May 24, 2020 / DOI: 10.7759/cureus.8267.

[2nd European Cardiology Congress](#); Webinar –August 21-22, 2020;

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(<https://eurocardiology.cardiologymeeting.com/abstract/2020/cardiac-tamponade-an-unusual-cause-of-a-severe-headache-with-normal-blood-pressure> )



### Biography:

Dr.Phool Iqbal is the resident physician in internal medicine department PGY-2 in Hamad Medical Corporation which is accredited with ACGMEI and JCI and provide handsome opportunities for research and quality projects.