

## USES OF PERCUTANEOUS CORONARY INTERVENTION IN HEART TREATMENT

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**Received:** 08-Mar-2024, Manuscript No. BSSJAR-24-129907; **Editor assigned:** 11-Mar-2024, PreQC No. BSSJAR-24-129907

(PQ); **Reviewed:** 26-Mar-2024, QC No. BSSJAR-24-129907; **Revised:** 02-Apr-2024, Manuscript No. BSSJAR-24-129907 (R);

**Published:** 09-Apr-2024, DOI: 10.36962/GBSSJAR/61.1.010

### ABOUT THE STUDY

Our heart is one of the most vital organs in our body, responsible for pumping blood and oxygen to all the cells and tissues. It works tirelessly every day to keep us alive, beating an average of 100,000 times a day. However, sometimes our heart can face challenges and succumb to various conditions, one of which is myocardial infection.

#### Preventions

Myocardial Infection, also known as heart attacks, occur when there is a blockage in the blood vessels that supply oxygen and nutrients to the heart muscle. This blockage can be caused by a build-up of plaque, a fatty substance that clogs the arteries over time. When the flow of blood is restricted, the heart muscle is deprived of oxygen, leading to damage and even death of the affected tissue (Viron et al. 2010).

The symptoms of a myocardial infection can vary from person to person, but common signs include chest pain, shortness of breath, sweating, nausea, and light headedness. It is crucial to seek immediate medical attention if you experience any of these symptoms, as a heart attack can be life-threatening if not treated promptly. It is essential to take steps to reduce these risk factors and maintain a healthy lifestyle to protect your heart health. This can include eating a balanced diet, staying physically active, quitting smoking, managing stress, and getting regular check-ups with your healthcare provider. There are several treatment options available to help manage the condition and prevent future episodes. These can include medications to lower cholesterol and blood pressure, lifestyle changes, such as diet and exercise, and in some cases, surgical procedures to restore blood flow to the heart (Correll et al. 2015).

#### Protection

One common procedure used to treat myocardial infection is angioplasty, also known as Percutaneous Coronary Intervention (PCI). During this procedure, a thin tube called a catheter is inserted into the blocked artery, and a small balloon is inflated to open up the vessel and restore blood flow. In some cases, a stent, a small mesh tube, may be placed in the artery to help keep it open. Another option for treating heart stunts is coronary artery bypass surgery. During this procedure, a healthy blood vessel is taken from another part of the body, such as the leg, and used to bypass the blocked artery, allowing blood to flow freely to the heart muscle (Vanbergen et al. 2019).

Recovery from a myocardial infection can be a long and challenging process, both physically and emotionally. It is essential to follow your healthcare provider's recommendations, take prescribed medications, attend cardiac rehabilitation, and make necessary lifestyle changes to improve your heart health and reduce the risk of future incidents (Haglund et al. 2019).

myocardial infection is a serious condition that can have life-threatening consequences if not treated promptly. It is essential to be aware of the symptoms, risk factors, and treatment options available to protect your heart health. By taking steps to reduce your risk factors and maintain a healthy lifestyle, you can help prevent heart attacks and live a long, healthy life. Remember, your heart deserves the best care and attention, so listen to your body and seek medical help if you suspect a heart attack. Your heart will thank you (Kupka et al. 2015).

## REFERENCES

1. Viron, MJ., Stern, TA., (2010). The impact of serious mental illness on health and healthcare. *Psychosomatics*, 51(6),58–65.
2. Correll, CU., Detraux, J., De Lepeleire, J., De, HM., (2015). Effects of antipsychotics, antidepressants and mood stabilizers on risk for physical diseases in people with schizophrenia, depression and bipolar disorder. *World Psychiatry*, 14(2),19–36.
3. Vanbergen, AH., Verkooijen, S., Vreeker, A., Abramovic, L., Hillegers, MH., Spijker, AT., et al. (2019). The characteristics of psychotic features in bipolar disorder. *Psychological Medicine*, 49(12),36–48.
4. Haglund, A., Lysell, H., Larsson, H., Lichtenstein, P., Runeson, B., (2019). Suicide immediately after discharge from psychiatric inpatient care. *J Clin Psychiatry*, 80(2),181-272.
5. Kupka, RW., Goossens, PJJ., Van BM., (2015). Multidisciplinaire Richtlijn Bipolaire Stoornissen [Multidisciplinary Guideline Bipolar Disorders]. *Psychiatry*, 59(3),45–65.

**Citation:** Mary J (2024). Uses of Percutaneous Coronary Intervention in Heart Treatment. GBSSJAR.61(1), 1-2.  
DOI: 10.36962/GBSSJAR/61.1.010