**Understanding Ongoing Risk in Patients with a Prior Heart Attack**

**The Facts**

Heart attacks, also referred to as myocardial infarctions, are caused by blocked blood flow and decreased oxygen supply to the heart muscle.

**Heart Attacks Are a Significant Burden in the United States**

In 2015, it is estimated that 735,000 heart attacks will occur. Approximately every 2.5 minutes, someone in the United States has a recurrent heart attack.

*After a Heart Attack, Risk Still Remains*

**Key Risk Factors for a Recurrent CV Event in Patients with a Prior Heart Attack Include:**

- Age
- Gender
- Prior MI
- Family history
- Comorbid conditions such as diabetes, obesity, dyslipidemia, hypertension, and chronic kidney disease

Patients who have had a heart attack may receive the following medications for long-term secondary prevention:

- Aspirin
- Beta blockers
- ACE inhibitors and ARBs
- P2Y12 inhibitors
- Lipid-lowering therapy

**Hypothesis:**

Could adding a P2Y12 Inhibitor to the standard of care further reduce recurrent CV risk in patients with a prior heart attack?

**References**

4. Jernberg T, Hasvold P, Henriksson M, et al. Cardiovascular risk in post-myocardial infarction patients: nationwide real world data demonstrate the importance of... 
6. Nakatani D, Sakata Y, Suna S, et al. Incidence, predictors, and subsequent mortality risk of recurrent myocardial infarction in patients following discharge for... 
12. Smith SC Jr, Benjamin EJ, Bonow RO, et al. AHA/ACCF secondary prevention and risk reduction therapy for patients with coronary and other atherosclerotic... 
13. World Heart Federation and the Preventive Cardiovascular Nurses Association. PATHWAYS TO SECONDARY PREVENTION: A GUIDE TO THE SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE... 
14. World Heart Federation and the Preventive Cardiovascular Nurses Association. PATIENTS WITH A PRIOR HEART ATTACK INCLUDE: 5-10%

**Patients should talk to their health care providers about risk factors and how to help lower the risk of having a recurrent heart attack.**