Understanding Ongoing Risk in Patients with a Prior Heart Attack



Heart attacks, also referred to as myocardial infarctions (MI), are caused by blocked blood flow and decreased oxygen supply to the heart muscle. This can result in damage or death of the heart muscle.1

ONCE YOU'VE HAD A HEART ATTACK, YOU ARE AT HIGHER RISK **FOR A RECURRENT** CARDIOVASCULAR (CV) EVENT, **EVEN AFTER THE FIRST YEAR.**2,3

HEART ATTACKS ARE A SIGNIFICANT BURDEN IN THE UNITED STATES





735,000 HEART ATTACKS WILL OCCUR.3

IN 2015, IT IS ESTIMATED THAT

210,000 OF THESE HEART ATTACKS ARE RECURRENT.3



Approximately every 2.5 minutes, someone in the United States has a recurrent heart attack.³

AFTER A HEART ATTACK, RISK STILL REMAINS

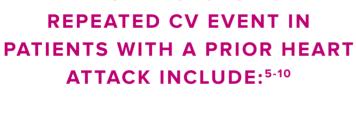




RISK OF A RECURRENT CV EVENT OR DEATH IN THE FIRST YEAR^{3*, 4}



RISK OF A RECURRENT CV EVENT IN THE SUBSEQUENT 3 YEARS IN PATIENTS WHO WERE **EVENT-FREE 1 YEAR** POST-HEART ATTACK4



KEY RISK FACTORS FOR A



Severity of disease

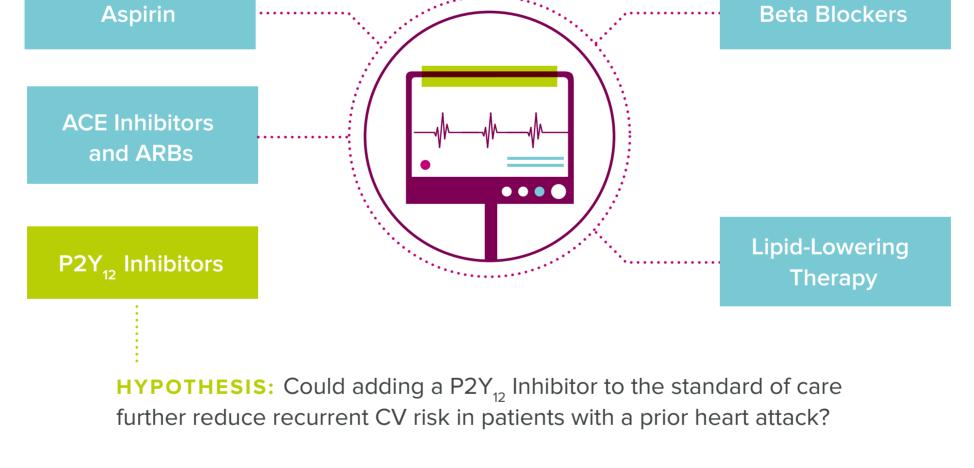
Patient characteristics such as older age and smoking

- Medical history
- Comorbidities 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: 11, 12



a recurrent heart attack.

Patients should talk to their health care providers about

risk factors and how to help lower the risk of having

ARBs: Angiotensin II Receptor Blockers * Data from 3 pooled databases (Framingham Heart Study, Atherosclerosis Risk in Communities, and Cardiovascular Health Study) in patients ≥45 years of age, after

ACE Inhibitors: Angiotensin-Converting Enzyme Inhibitors

their first MI. Incidence in different populations may be higher or lower. From the AHA Heart Disease and Stroke Statistics 2015 Update, a publication of statistics on

heart disease, stroke, other vascular disease, and their risk factors from the AHA, CDC, NIH, and other government agencies.

primary end point was 18.3%. In patients who were event free (without recurrent MI or stroke) at 1 year, the cumulative incidence of the primary endpoint was 20% after the 3 subsequent years. REFERENCES

[†] The APOLLO HELICON analysis was a retrospective cohort study that included 108,315 patients from a national Swedish registry with a primary diagnosis of acute MI between July 2006 and June 2011. The primary composite end point was risk for non-fatal MI, non-fatal stroke, or CV death. The cumulative 1-year incidence of the

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