

# Impact of PIA2 Polymorphism on Cardiovascular Disease and Outcome after Percutaneous Coronary Intervention: A Review of Current Evidence and Future Perspectives

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## INTRODUCTION

Coronary artery disease (CAD) is a multifactorial disease with the environment and multiple genes implicated in its pathogenesis. Thus, during the last decade several genes involved in the atherosclerotic process and their polymorphisms have been suspected to increase the thrombotic predisposition and to influence the risk for acute coronary syndromes (ACS). It is well-known that platelets play a significant role in the pathogenesis and development of CAD and its clinical manifestations. Therefore, platelet polymorphisms have been extensively studied in order to clarify their contribution to atherothrombotic process and their role in CAD.

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