Reviewer's report

Title: Dual antiplatelet therapy in patients with aspirin resistance following coronary artery bypass grafting: Study protocol for a prospective randomized study NCT01159639

Version: 3 Date: 27 April 2012

Reviewer: Freek JB Verheugt

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The authors present the design of a randomized aspirin controlled study of dual antiplatelet therapy in patients undergoing coronary bypass surgery resistant to aspirin. The endpoints will be cardiovascular events as well as bleeding complications.

This is a straight forward well-designed study, but some major remarks should be made:

1. This reviewer can not judge the validity of multiple electrode aggregometry as put forward in reference 17

2. A power calculation has not been given, so the number of patients to be included in this study is unclear

3. The authors fail to refer to 2 randomized controlled studies on this topic (J Am Coll Cardiol 2010; 56:1639-1643 and Circulation 2010;122:2680-2687)

Minor remarks:

1. In the Abstract it says that platelets are involved in atherogenesis. This should be atherothrombosis

2. The abbreviations in figure 1 should be given in the Legends

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

none in this field