Author’s response to reviews

Title: Early recovery of microvascular perfusion induced by t-PA in combination with abciximab or eptifibatide during postischemic reperfusion

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We thank you the referee for recognizing the work that we have done to answer all the questions. Now we added in the text a sentence to show the limits of our study. It usually happens that one cannot do everything in a given investigation; there are always loose ends or unanswered questions. Those must be left for another day, and most scientists accept that this is the way science is done. Furthermore, we found very interesting your recent findings (J. Am Coll. Cardiol. Eptifibatide and low dose tissue plasminogen activator in Acute myocardial infarct) and we decide to add it in the Discussion in order to give further support to the indication that during ischemia reperfusion would be better to use anticoagulants and t-PA rather than other substances such as inhibitors of leukocyte adhesion.

Now we added in the text the sentence:

Study limitations: Although we have demonstrated a role for platelets in the response to ischemia/reperfusion, there are issues that need to be addressed by future studies. In particular, we do not know the extent of damage to the endothelial cells of the microvessels. For instance, evidence for endothelial barrier swelling or free radical injury to the tissue could be obtained by histological study of the tissue following reperfusion; however, such measurements were beyond the scope of the present study.