



FONDAZIONE PER IL TUO CUORE

STEM-AMI OUTCOME TRIAL

STem cElls Mobilization in Acute Myocardial Infarction Outcome Trial

Eudract Number	2013-001772-38
Start date	November 8, 2013
Sponsor Name	Fondazione per il Tuo cuore
Medical Condition	Myocardial Infarction

The Study ended prematurely. The DSMC of the study on January 5, 2016 recommended closing the study due to insufficient enrollment rate and low incidence of index events at follow-up.

The study included the MRI subproject. Cardiovascular MRI (CMR) is a fast, robust and accurate technique for the evaluation of the consequences of STEMI on myocardial function and perfusion and for the depiction of reversible or irreversible myocardial damage that eventually lead to unfavourable remodelling. This technique should be able to detect the amelioration of LV systolic function, the reduction of infarct size and favorable remodeling in G-CSF treated patients.

The subproject completed enrollment on time and patients were followed till finale follow-up visit (18 Months). The results have been published on Circulation Research:

Achilli F, Pontone G, Bassetti B, Squadroni L, Campodonico J, Corrada E, Facchini C, Mircoli L, Esposito G, Scarpa D, Pidello S, Righetti S, Di Gennaro F, Guglielmo M, Muscogiuri G, Baggiano A, Limido A, Lenatti L, Di Tano G, Malafronte C, Soffici F, Ceseri M, Maggiolini S, Colombo GI, Pompilio G; STEM-AMI OUTCOME CMR Sub-Study Investigators. G-CSF for Extensive STEMI. Circ Res. 2019 Jul 19;125(3):295-306. doi: 10.1161/CIRCRESAHA.118.314617. Epub 2019 May 29. PMID: 31138020.

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Costituita da **Associazione Nazionale
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