

## 1. General Information

<b>Cohort ID</b>	5009_16
<b>Title (Study Name)</b>	EMMY Impact of EMPagliflozin on cardiac function and biomarkers of heart failure in patients with acute MYocardial infarction (EMMY-Trial) - a phase III Study
<b>Principal investigator</b>	Prof. Harald Sourij; Dr. Norbert Tripolt
<b>Contact information</b>	<a href="mailto:pm-biobank@medunigraz.at">pm-biobank@medunigraz.at</a>
<b>Funding agency</b>	-----

## 2. Description

This is a national, randomized, prospective, placebo-controlled, double blind, multicenter study in patients with acute myocardial infarction. The aim of this mechanistic study is to investigate the impact of Empagliflozin on cardiac function and biomarkers for heart failure in patients with acute myocardial infarction. Since previous trials in acute myocardial infarction using aldosterone blockers demonstrated that an early intervention might be crucial for a beneficial outcome, the study team has chosen to start treatment within 72 hours after performance of a coronary angiography for acute myocardial infarction. In this RCT Empagliflozin/Placebo (10mg once daily orally) will be administered.

## 3. Details

<b>ICD 10/O codes / Healthy</b>	I21	
<b>Key words</b>	myocardial infarction, empagliflozin, RCT, placebo, SGLT-2 inhibitor, heart failure	
<b>Collection / Cohort size</b> 11/2021	27900 aliquots	
<b>Informed Consent (IC)</b>	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input checked="" type="checkbox"/> Specific Study IC	
<b>Status</b>	<input checked="" type="checkbox"/> In progress / compl. date: open	
	<input type="checkbox"/> Completed	
<b>Inclusion criteria</b>	<b>Age distribution</b>	18 - 80
	<b>Sex distribution (f:m)</b>	~ 50:50
	<b>Others</b>	Details see article
<b>Earliest access</b>	As of now	
<b>Quality-standards</b>	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
<b>Associated publications / references</b>	-----	

## 4. Material available (aliquot size) and storage conditions

<b>Material</b>	<input checked="" type="checkbox"/> Serum (2000 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> EDTA plasma (2000 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> Whole blood (2000 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> Na-Citrate plasma (2000 µl)	<input checked="" type="checkbox"/> -80°C
	<input checked="" type="checkbox"/> Urine (2000 µl)	<input checked="" type="checkbox"/> -80°C

**Dokument erstellt** (tt/mm/yyyy):  
23/04/2021

**Letzte inhaltliche Aktualisierung** (tt/mm/yyyy):  
16/02/2022