

# Clinical trials of glucose insulin potassium for acute myocardial infarction in all type of patients

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## 1 GIK infusion

| Trial   | Treatments   | Patients  | Trials design and methods       |
|---|--|---|---------------------------------|
| <b>GIK infusion vs control</b>  |  |   |                                 |
| <b>OASIS 6 , 2007</b><br>[NCT00064428]<br>n=NA<br>follow-up:                | High-dose GIK solution consisting of 25% glucose, 50 U/L of regular insulin, and 80 mEq/L of potassium infused at 1.5 mL/kg per hour for 24 hours<br>versus<br>control | patients with acute STEMI   | Parallel groups                 |
| <b>CREATE-ECLA , 2006</b><br>n=10091/10110<br>follow-up:                    | GIK intravenous infusion for 24 hours<br>versus<br>usual care  | patients with STEMI within 12 hours of symptom onset  | Parallel groups<br>open         |
| <b>Glucose-insulin-potassium study II , 2007</b><br>n=444/445<br>follow-up: | GIK infusion<br>versus<br>standard care  | STEMI patients without signs of heart failure   | Parallel groups                 |
| <b>Krljanac , 2005</b><br>n=NA<br>follow-up:                                | high dose of GIK (25% glucose, 50 IU of soluble insulin per liter, and 80 mmol of potassium chloride per liter at 1 ml/kg/hour over 24 hours)<br>versus<br>control     | patients with ST-elevation myocardial infarction within 12 hours from symptom onset                             | Parallel groups<br>open         |
| <b>GIK infusion vs placebo</b>  |  |   |                                 |
| <b>Bucciarelli-Ducci , 2006</b><br>n=40/33<br>follow-up:                    | GIK infusion<br>versus<br>placebo  | patients treated with primary percutaneous coronary intervention for ST-segment elevation myocardial infarction | Parallel groups                 |
| <b>IMMEDIATE ongoing</b><br>[NCT00091507]<br>n=NA<br>follow-up:             | intravenous glucose, insulin and potassium 1.5ml/kg/hour, continuous infusion for total of 12 hours<br>versus<br>placebo   | patients with threatened or established acute myocardial infarction   | Parallel groups<br>double blind |

## References

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### CREATE-ECLA , 2006:

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## 2 About TrialResults-center.org

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The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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