

# Clinical trials of cangrelor

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## 1 acute coronary syndrome

| Trial  | Treatments  | Patients  | Trials design and methods                       |
|--|---|---|---|
| <b>cangrelor up front vs clopidogrel up front</b>                                  |   |   |   |
| <b>CHAMPION-PCI , 2009</b><br>[NCT00305162]<br>n=4367/4355<br>follow-up: 48 h      | cangrelor up front (cangrelor administered before percutaneous coronary intervention and followed by clopidogrel) versus clopidogrel up front (clopidogrel followed by placebo) | high risk patients requiring PCI  | Parallel groups<br>double blind<br>14 countries |
| <b>cangrelor up front vs delayed clopidogrel</b>                                   |   |   |   |
| <b>CHAMPION-PLATFORM , 2009</b><br>[NCT00385138]<br>n=2693/2669<br>follow-up: 48 h | cangrelor up front (cangrelor during PCI followed by 600 mg of clopidogrel) versus delayed clopidogrel (placebo during PCI followed by 600 mg of clopidogrel)                   | patients with acute coronary syndrome undergoing percutaneous coronary intervention | Parallel groups<br>double blind<br>18 countries |

More details and results :

- New P2Y12 Inhibitors for acute coronary syndrome in all type of patients at <http://www.trialresultscenter.org/go-Q455>

## References

### CHAMPION-PCI, 2009:

Harrington RA, Stone GW, McNulty S, White HD, Lincoff AM, Gibson CM, Pollack CV Jr, Montalescot G, Mahaffey KW, Kleiman NS, Goodman SG, Amine M, Angiolillo DJ, Becker RC, Chew DP, French WJ, Leisch F, Parikh KH, Skerjanec S, Bhatt DL Platelet inhibition with cangrelor in patients undergoing PCI. N Engl J Med 2009 Dec 10;361:2318-29 [19915221]

### CHAMPION-PLATFORM, 2009:

Bhatt DL, Lincoff AM, Gibson CM, Stone GW, McNulty S, Montalescot G, Kleiman NS, Goodman SG, White HD, Mahaffey KW, Pollack CV Jr, Manoukian SV, Widimsky P, Chew DP, Cura F, Manukov I, Tousek F, Jafar MZ, Arneja J, Skerjanec S, Harrington RA Intravenous Platelet Blockade with Cangrelor during PCI. N Engl J Med 2009 Nov 15;: [19915222]

## 2 CABG surgery

| Trial  | Treatments                     | Patients                    | Trials design and methods       |
|--|--------------------------------|-----------------------------|---------------------------------|
| <b>cangrelor vs placebo</b>                                  |                                |                             |                                 |
| Bridge <i>ongoing</i><br>[NCT00767507]<br>n=NA<br>follow-up: | Cangrelor<br>versus<br>placebo | patients undergoing surgery | Parallel groups<br>double blind |

More details and results :

- antiplatelets drug for CABG surgery in all type of patients at <http://www.trialresultscenter.org/go-Q225>

## References

Bridge, :

ongoing trial NCT00767507

## 3 percutaneous coronary intervention

| Trial   | Treatments   | Patients   | Trials design and methods                       |
|---|--|--|---|
| <b>cangrelor vs clopidogrel</b>   |  |  |   |
| CHAMPION PHOENIX ,<br>2013<br>[NCT01156571]<br>n=5472/5470<br>follow-up: 48 hours | bolus and infusion of cangrelor followed<br>by 600mg clopidogrel immediately<br>post-infusion<br>versus<br>loading dose of 600 mg or 300 mg of<br>clopidogrel                                  | patients undergoing PCI for stable angina<br>or for acute coronary syndromes,<br>including ST-elevation MI | Parallel groups<br>double-blind                 |
| <b>cangrelor up front vs clopidogrel up front</b>                                 |  |  |   |
| CHAMPION-PCI , 2009<br>[NCT00305162]<br>n=4367/4355<br>follow-up: 48 h            | cangrelor up front (cangrelor administered<br>before percutaneous coronary intervention<br>and followed by clopidogrel)<br>versus<br>clopidogrel up front (clopidogrel followed<br>by placebo) | high risk patients requiring PCI   | Parallel groups<br>double blind<br>14 countries |
| <b>cangrelor up front vs delayed clopidogrel</b>                                  |  |  |   |
| CHAMPION-PLATFORM<br>, 2009<br>[NCT00385138]<br>n=2693/2669<br>follow-up: 48 h    | cangrelor up front (cangrelor during PCI<br>followed by 600 mg of clopidogrel)<br>versus<br>delayed clopidogrel (placebo during PCI<br>followed by 600 mg of clopidogrel)                      | patients with acute coronary syndrome<br>undergoing percutaneous coronary<br>intervention                  | Parallel groups<br>double blind<br>18 countries |

More details and results :

- antithrombotics for percutaneous coronary intervention in all type of patients at <http://www.trialresultscenter.org/go-Q63>
- pre treatment for PCI for percutaneous coronary intervention in stable and unstable ACS at <http://www.trialresultscenter.org/go-Q160>

## References

### **CHAMPION PHOENIX, 2013:**

Leonardi S, Mahaffey KW, White HD, Gibson CM, Stone GW, Steg GW, Hamm CW, Price MJ, Todd M, Dietrich M, Gallup D, Liu T, Skerjanec S, Harrington RA, Bhatt DL Rationale and design of the Cangrelor versus standard therapy to acHieve optimal Management of Platelet InhibitiON PHOENIX trial. Am Heart J 2012;163:768-776.e2 [22607853]

Bhatt DL, Stone GW, Mahaffey KW, Gibson CM, Steg PG, Hamm CW, Price MJ, Leonardi S, Gallup D, Bramucci E, Radke PW, Widimsk P, Tousek F, Tauth J, Spriggs D, McLaurin BT, Angiolillo DJ, Gnreux P, Liu T, Prats J, Todd M, Skerjanec S, White HD, Harrington Effect of Platelet Inhibition with Cangrelor during PCI on Ischemic Events. N Engl J Med 2013 Mar 10;: [23473369] 10.1056/NEJMoa1300815

### **CHAMPION-PCI, 2009:**

Harrington RA, Stone GW, McNulty S, White HD, Lincoff AM, Gibson CM, Pollack CV Jr, Montalescot G, Mahaffey KW, Kleiman NS, Goodman SG, Amine M, Angiolillo DJ, Becker RC, Chew DP, French WJ, Leisch F, Parikh KH, Skerjanec S, Bhatt DL Platelet inhibition with cangrelor in patients undergoing PCI. N Engl J Med 2009 Dec 10;361:2318-29 [19915221]

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