

# Clinical trials of IABP

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## 1 acute myocardial infarction

Trial	Treatments	Patients	Trials design and methods
<b>IABP vs non-IABP</b>			
<b>IABP SHOCK II , 2012</b> [NCT00491036] n=301/299 follow-up: 30 days	intraaortic balloon counterpulsation versus no intraaortic balloon counterpulsation	patients with cardiogenic shock complicating acute myocardial infarction	Parallel groups open label
<b>Arias , 2005</b> n=40 follow-up:	intra-aortic balloon pump versus no IABP	patients with acute myocardial infarction	Parallel groups single-blind Mexique
<b>TACTICS , 2005</b> n=NA follow-up:	IABP versus no IABP	patients with MI complicated by sustained hypotension, possible cardiogenic shock, or possible heart failure	Parallel groups
<b>IABP SHOCK (Prondzinsky) , 2010</b> [NCT00469248] n=NA follow-up:	IABP versus no IABP	patients with AMI and CS undergoing PCI	Parallel groups open label
<b>IABP vs other LVAD</b>			
<b>Burkhoff , 2006</b> n=14/19 follow-up:	intraaortic balloon pumping versus TandemHeart percutaneous ventricular assist device (pVAD)	patients presenting within 24 hours of developing cardiogenic shock	Parallel groups
<b>Seyfarth , 2008</b> n=NA follow-up:	intra-aortic balloon pump versus Impella LP2.5	patients with cardiogenic shock	Parallel groups
<b>Thiele , 2005</b> n=20/21 follow-up:	IABP versus Tandem Heart	Patients in CS after AMI, with intended PCI of the infarcted artery	Parallel groups

More details and results :

- percutaneous left ventricular assist device for acute myocardial infarction in patients with cardiogenic shock at <http://www.trialresultscenter.org/go-Q562>

## References

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Thiele H, Zeymer U, Neumann FJ, Ferenc M, Olbrich HG, Hausleiter J, Richardt G, Hennersdorf M, Empen K, Fuernau G, Desch S, Eitel I, Hambrecht R, Fuhrmann J, Bhm M, Ebel H, Schneider S, Schuler G, Werdan K Intraaortic Balloon Support for Myocardial Infarction with Cardiogenic Shock. *N Engl J Med* 2012 Aug 26; [22920912] [10.1056/NEJMoa1208410](https://doi.org/10.1056/NEJMoa1208410)

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### **Burkhoff, 2006:**

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