

- Randomized, prospective, open-label, multicenter trial from Germany that demonstrated that use of IABP counterpulsation did not significantly reduce 30-day mortality in patients with acute myocardial infarction complicated by cardiogenic shock for whom an early revascularization strategy was planned.
  - Khashan MY and Pinsky MR. Does intra-aortic balloon support for myocardial infarction with cardiogenic shock improve outcome? *Critical Care* 2013, 17:307.
- Prospective observation trial that demonstrated that patients who warrant IABP support in the post-operative setting have a significantly increased mortality at 1-year when compared to any other group.
  - Ramnarine IR, Grayson AD, Dihmis WC, et al. Timing of intra-aortic balloon pump support and 1-year survival. *Eur J Cardiothorac Surg*. 2005;27(5): 887-892.
- Meta-analyses to evaluate the evidence for IABP in STEMI with and without cardiogenic shock. The authors concluded that the pooled randomized data do not support IABP in patients with high-risk STEMI.
  - Sjauw KD, Engström AE, Vis MM, et al. A systematic review and meta-analysis of intra aortic balloon pump therapy in ST-elevation myocardial infarction: should we change the guidelines? *European Heart Journal*. Jan 2009, DOI: 10.1093/eurheartj/ehn602