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## Acute myocardial infarction care : developments, pitfalls and prognosis

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### Citation

Boden, H. (2016, March 10). *Acute myocardial infarction care : developments, pitfalls and prognosis*. Retrieved from <https://hdl.handle.net/1887/38455>

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**Title:** Acute myocardial infarction care : developments, pitfalls and prognosis

**Issue Date:** 2016-03-10

**Acute myocardial infarction care**

*Developments, pitfalls and prognosis*

1. The observed tendency of more stent thrombosis five years after sirolimus-eluting compared with bare metal stent implantation for ST-segment elevation myocardial infarction is worrisome and compromises the initial success of this first-generation drug-eluting stent. (*this thesis*)
2. In addition to the degree of vessel wall remodelling, plaque regression is a prominent contributor to the persistence of late stent malapposition. (*this thesis*)
3. Serial sampling of troponin-T for a peak value appears to be redundant given the non-inferiority of a fixed-time value at 24 hours after the onset of symptoms in the context of risk assessment of patients with ST-segment elevation myocardial infarction. (*this thesis*)
4. In-hospital major bleeding frequently complicates the treatment of ST-segment elevation myocardial infarction and leads to excess mortality. (*this thesis*)
5. Stent thrombosis remains catastrophic and, although infrequent, occupies a central place in the risk-benefit equation of PCI. (*Holmes Jr et al., J Am Coll Cardiol 2010; 56: 1357-1365*)
6. Guidelines do not override the individual responsibility of health professionals to make appropriate decisions in the circumstances of the individual patients. (*ESC STEMI guidelines, Eur Heart J 2012; 33: 2569-2619*)
7. After almost three decades of trials of reperfusion therapy, we know what to do – it is primarily an issue of logistics and the coordination of services. (*Gersh et al., Eur Heart J 2006; 27 (7):761-763*)
8. New strategies need to be investigated to establish how to consistently deliver treatment after myocardial infarction, so that the short-term benefits of improved STEMI care can be translated into years of productive life. (*James et al., Lancet 2013; 382: 576-579*)
9. Habits of a lifetime are not easily changed. (*ESC STEMI guidelines, Eur Heart J 2012; 33: 2569-2619*)
10. Only the ones without imagination can't find a reason to drink champagne. (*Unknown*)
11. Sometimes a cigar is just a cigar. (*Sigmund Freud, 1856-1939*)