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Strategies to Reduce Door-to-balloon Time for Acute MI N Engl J Med 2006 (Nov 30)	
Mean reduction in door-to-balloon	n times by strategy
<u>Strategy</u> Reduction in	n door-to-balloon time (min)
Having <i>ED physicians</i> activate cath lab	8.2
Use of central page operator who, with a single call, activates cath lab team	13.8
Use of <i>prehospital EKG</i> transmission to activate the cath lab while pt still en route	15.4
Expecting entire cath lab team to arrive within 20 minutes after page	19.3
Having attending cardiologist always on site	14.6
• Real-time <i>feedback</i> to staff (ED, cath lab,)	8.6 not part of RACE presentation 3

So What Are We Waiting For? Several factors may have accounted for the delay in treatment. Hospitals without cardiac catheterization laboratories should recognize their limitations when making treatment decisions for each patient. In particular, timeliness in transferring patients is of paramount importance. Numerous approaches have been suggested to reduce door-to-balloon time, tocusing on logistical and organizational issues (Bradley). Likely, these improvements will provide a better outcome for transfer patients as well. Currently, there is a call to optimize care for patients with acute STEMI in the US by ... demolish[ing] barriers so that primary angioplasty can become widely available and the procedure conducted by experienced operators in accredited institutions within the prescribed quality standards (Jacobs). The wait for long-term data for transfer primary angioplasty may be over, but the wait for these patients receiving treatment must now be shortened. To deliver prompt, synchronous, coordinated, and premium care to this high-risk group of patients will require strong political will, judicious deployment of resources, and seamless integration of emergency medical services with hospitals. (Koon-Hou Mak EHJ 2007)



