

Preventive Angioplasty in Myocardial Infarction Trial

David Wald

Wolfson Institute of Preventive Medicine
Barts and the London Medical School

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DECLARATION OF INTEREST

- I have nothing to declare

Preventive Angioplasty in Myocardial Infarction Trial

PRAMI Trial

Randomised multicentre single-blind trial conducted
in five UK cardiac centres

The NEW ENGLAND JOURNAL *of* MEDICINE

ORIGINAL ARTICLE

Randomized Trial of Preventive Angioplasty in Myocardial Infarction

David S. Wald, M.D., Joan K. Morris, Ph.D., Nicholas J. Wald, F.R.S.,
Alexander J. Chase, M.B., B.S., Ph.D., Richard J. Edwards, M.D.,
Liam O. Hughes, M.D., Colin Berry, M.B., Ch.B., Ph.D.,
and Keith G. Oldroyd, M.D., for the PRAMI Investigators*

N Engl J Med September 1st 2013;369. DOI: 10.1056/NEJMoa1305520

Cardiac Death, Nonfatal MI or Refractory Angina in patients having infarct-artery PCI

Hazard Ratio 0.35
(95% CI 0.21 to 0.58),
 $p < 0.001$

Risk Reduction 65%



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Preventive PCI
n=234



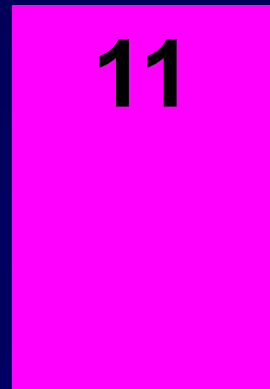
53

No Preventive PCI
n=231

Cardiac Death, Nonfatal MI or ~~Refractory Angina~~ in patients having infarct-artery PCI

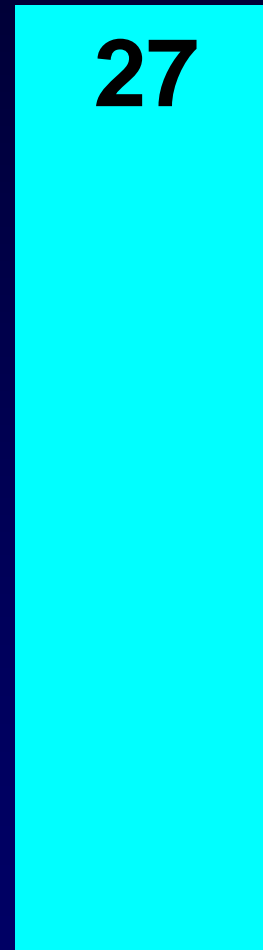
Hazard Ratio 0.36
(95% CI 0.18 to 0.73),
p=0.004

Risk Reduction 64%



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Preventive PCI
n=234



27

No Preventive PCI
n=231

Conclusion

Substantial benefit of Preventive PCI in patients with ST elevation myocardial infarction

65% ↓ cardiac death / nonfatal MI / refractory angina

64% ↓ cardiac death / nonfatal MI