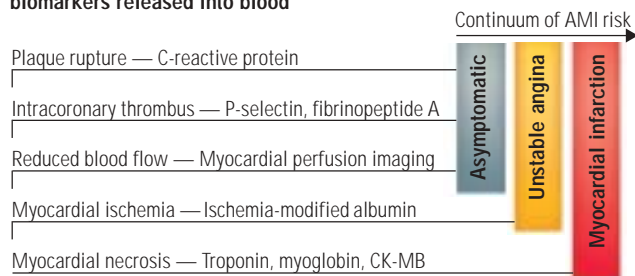


Figure 1. The pathophysiology of acute coronary syndromes and biomarkers released into blood



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Figure 2. The missed acute myocardial infarction rate as a function of the admission rate from published reports

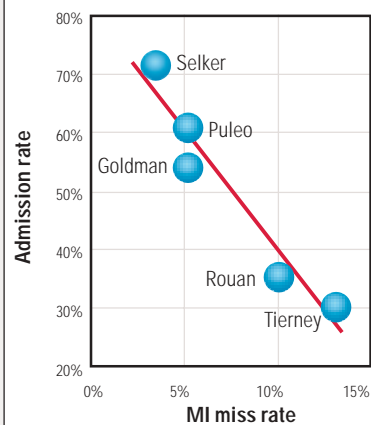


Figure 3. The principle of the Albumin Cobalt Binding test

See text for details of this procedure.

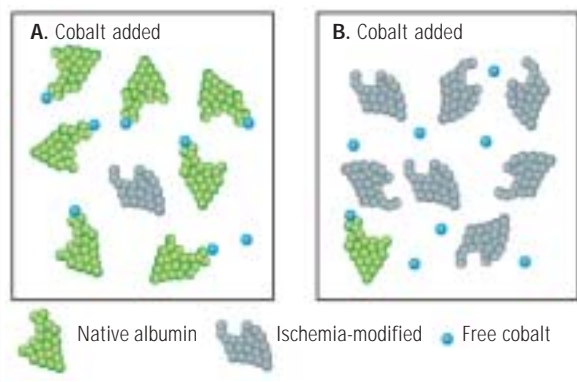


Figure 4. Algorithm for incorporation of IMA with cardiac troponin and ECG for ED patients with chest pain

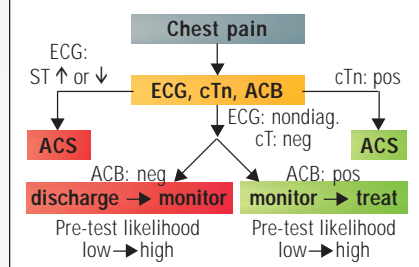


Table 1. Diagnostic performance of IMA, in conjunction with other tests for acute coronary syndromes at presentation

MARKER	SENSITIVITY	95% CI*	SPECIFICITY	95% CI*
IMA alone	82	74-88	46	34-57
ECG alone	45	36-54	91	82-96
cTnT alone	20	13-28	99	93-100
ECG & cTnT	53	44-62	90	81-95
IMA & cTnT	90	84-95	44	33-56
IMA & ECG	92	86-96	43	32-55
IMA & ECG & cTnT	95	90-98	42	30-53

*95% confidence interval