## 1.1.1 Biomarkers results of studies

Paper	Population	Biomarker	Reported timing of test (presentation or onset of symptoms)	Natural History of test (when does it peak)	N (Population)	Prevalance	Sensitivity	Specificity	Postive Likelihood ratio	Postiv e predic tive Value	Negative Likeliho od ratio	Negati ve predic tive Value
				Initial peak: 3-								
				12 hours Mean								
			1 study at 2 hours after	time to								
			presentation, 1 at 7	peak								
	Acute Patients		hours	elevation								
D - 11	Emergency	Troponin I (single	after presentation, 5	: 24	1110	470/	000/	000/	F F7440	0.5276	0.05504.4	0.8837
Balk	department Acute Patients	test)	studies not reported	hours	1149	17%	39%	93%	5.57143	25	0.655914	84
	Emergency	Troponin I (single	1 hour after onset of									
Ebell	department	test)	pain		1510		13%	95%	2.6	0	0.915789	1
	Acute Patients	Transnin I (single	2 hours after onset of									
Ebell	Emergency department	Troponin I (single test)	pain		1510		34%	95%	6.8	0	0.694737	1
LUCII	Acute Patients	(031)	pani		1010		5470	5570	0.0	0	0.004707	'
	Emergency	Troponin I (single	3 hours after onset of									
Ebell	department	test)	pain		1510		52%	95%	10.4	0	0.505263	1
	Acute Patients	Transition 1 (all rates	A have a flow a cost of									
Ebell	Emergency department	Troponin I (single test)	4 hours after onset of pain		1510		67%	95%	13.4	0	0.347368	1
LDell	Acute Patients	(631)	pain		1310		07 /0	3570	13.4	0	0.347 300	
	Emergency	Troponin I (single	5 hours after onset of									
Ebell	department	test)	pain		1510		80%	95%	16	0	0.210526	1
	Acute Patients	Transition 1 (all rates										
Ebell	Emergency department	Troponin I (single test)	6 hours after onset of pain		1510		90%	95%	18	0	0.105263	1
LDell	Acute Patients	iesi)	Presentation and 3, 6		1310		90 %	9570	10	0	0.105205	I
	Emergency	Troponin I (single	and 12 hours after									0.9625
Kost	department	test)	presentation		97	28%	90%	100%	#DIV/0!	1	0.1	67
	Acute Patients	Troponin I (single	6 hours after onset of							0.7869		0.9078
Alp	CCU	test)	pain		397	28%	76%	92%	9.5	82	0.26087	95

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•	Acute Patients											
Chui	Emergency department or CCU Acute Patients	Troponin I (single test)	0-4 hours after onset of pain		87	100 %	35%		0.353	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Troponin I (single test)	4-8 hours after onset of pain		87	100 %	80%		0.8	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Troponin I (single test)	8-12 hours after onset of pain		87	100 %	93%		0.93	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Troponin I (single test)	12-24 hours after onset of pain		87	100 %	97%		0.97	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Troponin I (single test)	24-48 hours after onset of pain		87	100 %	96%		0.96	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Troponin I (single test)	48-72 hours after onset of pain		87	100 %	97%		0.97	1	#DIV/0!	0
Chui	Emergency department or CCU	Troponin I (single test)	>72 hours after onset of pain		87	100 %	93%		0.93	1	#DIV/0!	0
Eggers	Acute Patients CCU	Troponin I (single test)	Presentation		176	22%	79%	95%	15.8	0.8167 29	0.221053	0.9413 11
Eggers	Acute Patients CCU	Troponin I (single test)	6 hours after presentation		180	22%	89%	95%	17.8	0.8339 01	0.115789	0.9683 74
Eggers	Acute Patients CCU	Troponin I (single test)	12 hours after presentation Every 6-8 hours after		172	22%	100%	95%	20	0.8494 21	0	1
Falahati	Acute Patients Hospital	Troponin I (single test)	admission for 24-48 hours		327	19%	100%	96%	25	0.8543 17	0	1
al Harbi	Acute Patients CCU	Troponin I (single test)	Presentation		124	59%	60%	82%	3.33333	0.8274 89	0.487805	0.5875 57
al Harbi	Acute Patients CCU	Troponin I (single test)	8 hours after presentation		124	59%	88%	72%	3.14286	0.8189 27	0.166667	0.8065 57

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al Harbi	Acute Patients CCU	Troponin I (single test)	16 hours after presentation		124	59%	93%	79%	4.42857	0.8643 67	0.088608	0.8869 11
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	2 hours after onset of pain		955	100 %	16%	97%	5.33333	1	0.865979	0
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	4 hours after onset of pain		955	100 %	36%	94%	6	1	0.680851	0
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	6 hours after onset of pain		955	100 %	58%	94%	9.66667	1	0.446809	0
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	10 hours after onset of pain		955	100 %	92%	95%	18.4	1	0.084211	0
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	14 hours after onset of pain		955	100 %	91%	92%	11.375	1	0.097826	0
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	18 hours after onset of pain		955	100 %	96%	93%	13.7143	1	0.043011	0
Zimmerm an	Acute Patients Hospital	Troponin I (single test)	22 hours after onset of pain		955	100 %	90%	94%	15	1	0.106383	0

Balk	Acute Patients Emergency department Acute Patients Emergency	Troponin T (single test) Troponin T >0.1 ng/ml (single	Presentation 1 hour after onset of	Initial peak: 3- 12 hours Mean time to peak elevation : 12-48 hours	1348	34%	39%	93%	5.57143	0.7416 11	0.655914	0.7474 43	
Ebell	department	test)	pain		4362		47%	87%	3.61538	0	0.609195	1	

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Гарсі	Acute Patients	Troponin T >0.1		peaky					- <b>-</b>	Value	ourado	Value
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.1	2 hours after onset of pain		4362		53%	87%	4.07692	0	0.54023	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.1	3 hours after onset of pain		4362		58%	86%	4.14286	0	0.488372	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.1	4 hours after onset of pain		4362		64%	85%	4.26667	0	0.423529	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.1	6 hours after onset of pain		4362		74%	83%	4.35294	0	0.313253	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.1	8 hours after onset of pain		4362		84%	81%	4.42105	0	0.197531	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.2	10 hours after onset of pain		4362		93%	80%	4.65	0	0.0875	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.2	1 hour after onset of pain		4362		14%	87%	1.07692	0	0.988506	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.2	2 hours after onset of pain		4362		33%	87%	2.53846	0	0.770115	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.2	3 hours after onset of pain		4362		50%	86%	3.57143	0	0.581395	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.2	4 hours after onset of pain		4362		65%	85%	4.33333	0	0.411765	1
Ebell	Emergency department Acute Patients	ng/ml (single test) Troponin T >0.2	6 hours after onset of pain		4362		86%	83%	5.05882	0	0.168675	1
Ebell	Emergency department	ng/ml (single test)	8 hours after onset of pain		4362		96%	81%	5.05263	0	0.049383	1

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	Acute Patients	Troponin T >0.2										
	Emergency	ng/ml (single	10 hours after onset of									
Ebell	department	test)	pain		4362		96%	80%	4.8	0	0.05	1
	Acute Patients											
-	Cardiac department	Troponin T	Presentation, 6 and 12							0.9922		0.7076
Guo	or CCU	(single test)	hours after presentation		502	89%	95%	94%	15.8667	71	0.051064	38
	Acute Patients		Presentation and 3, 6									
Keat	Emergency	Troponin T	and 12 hours after		97	000/	000/	90%	8.9	0.7758 41	0.400000	0.9546
Kost	department Acute patients	(single test)	presentation		97	28%	89%	90%	8.9	41	0.122222	26
	Out-of-hospital	Troponin T								0.7978		0.8053
Gust	(EMS)	(single test)	Not reported		68	24%	25%	98%	12.5	72	0.765306	63
Oust	Acute patients	(Single test)	Not reported		00	2470	2070	5070	12.5	12	0.705500	00
	Out-of-hospital	Troponin T										0.9970
Planer	(community)	(single test)	Not reported		349	2%	83%	100%	#DIV/0!	1	0.17	69
	Acute Patients											
	Emergency	Troponin T								0.8721		0.9388
Zarich	department	(single test)	Presentation		267	32%	87%	94%	14.5	8	0.138298	95
	Acute Patients											
Vatansev	Emergency	Troponin T								0.9028		0.7541
er	department	(single test)	Presentation		60	55%	76%	90%	7.6	08	0.266667	9
	Acute Patients											
Vatansev	Emergency	Troponin T	2 hours after		60	55%	97%	90%	9.7	0.9222 13	0.033333	0.9608 54
er	department	(single test)	presentation		00	55%	9770	90%	9.7	15	0.033333	34
Zimmerm	Acute Patients	Troponin T	2 hours after onset of			100						
an	Hospital	(single test)	pain		955	%	11%	98%	5.5	1	0.908163	0
						400						
Zimmerm	Acute Patients	Troponin T	4 hours after onset of		955	100	36%	98%	18	4	0.050004	0
an	Hospital	(single test)	pain		955	%	36%	98%	18	1	0.653061	0
Zimmerm	Acute Patients	Troponin T	6 hours after onset of			100						
an	Hospital	(single test)	pain		955	%	62%	96%	15.5	1	0.395833	0
	-	, <b>o</b> ,		1								
Zimmerm	Acute Patients	Troponin T	10 hours after onset of		055	100	070/	000/	04 75		0.405447	
an	Hospital	(single test)	pain	1	955	%	87%	96%	21.75	1	0.135417	0
Zimmerm	Acute Patients	Troponin T	14 hours after onset of			100						
an	Hospital	(single test)	pain		955	%	85%	96%	21.25	1	0.15625	0

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Zimmerm an	Acute Patients Hospital	Troponin T (single test)	18 hours after onset of pain		955	100 %	79%	96%	19.75	1	0.21875	0
Zimmerm an	Acute Patients Hospital	Troponin T (single test)	22 hours after onset of pain		955	100 %	86%	95%	17.2	1	0.147368	0
Balk	Acute Patients Emergency department	CK (single test)	Presentation Every 6-8 hours after		3195	25%	37%	87%	2.84615	0.4814 85	0.724138	0.8088 93
Falahati	Acute Patients Hospital Acute Patients	CK (single test)	admission for 24-48 hours		327	19%	74%	85%	4.9	0.5347 5	0.311765	0.9318 54
Vatansev er	Emergency department Acute Patients	CK (single test)	Presentation		60	55%	64%	90%				
Vatansev er	Emergency department	CK (single test)	2 hours after presentation		60	55%	79%	90%	7.9	0.9061 52	0.233333	0.7780 98
Balk Kost Chui	Acute Patients Emergency department Acute Patients Emergency department Acute Patients Emergency department or CCU	CK-MB (single test) CK-MB (single test) CK-MB (single test)	Presentation Presentation and 3, 6 and 12 hours after presentation 0-4 hours after onset of pain	Initial peak: 3- 12 hours Mean time to peak elevation : 24 hours	6425 97 87	25% 28% 100 %	42% 89% 44%	97% 90%	14 8.9 0.441	0.8235 29 0.7758 41 1	0.597938 0.122222 #DIV/0!	0.8338 11 0.9546 26 0
Chui	Acute Patients Emergency	CK-MB (single test)	4-8 hours after onset of pain		87	100 %	96%		0.96	1	#DIV/0!	0

Paper	Population	Biomarker	Reported timing of test (presentation or onset of symptoms)	Natural History of test (when does it peak)	N (Population)	Prevalance	Sensitivity	Specificity	Postive Likelihood ratio	Postiv e predic tive Value	Negative Likeliho od ratio	Negati ve predic tive Value
	department or CCU											
Chui	Acute Patients Emergency department or CCU Acute Patients	CK-MB (single test)	8-12 hours after onset of pain		87	100 %	98%		0.98	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	CK-MB (single test)	12-24 hours after onset of pain		87	100 %	97%		0.97	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	CK-MB (single test)	24-48 hours after onset of pain		87	100 %	93%		0.93	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	CK-MB (single test)	48-72 hours after onset of pain		87	100 %	71%		0.71	1	#DIV/0!	0
Chui	Emergency department or CCU	CK-MB (single test)	>72 hours after onset of pain		87	100 %	23%		0.23	1	#DIV/0!	0
Eggers	Acute Patients CCU	CK-MB (single test)	Presentation		176	22%	66%	95%	13.2	0.7882 74	0.357895	0.9083 11
Eggers	Acute Patients CCU	CK-MB (single test)	6 hours after presentation		180	22%	81%	95%	16.2	0.8204 42	0.2	0.9466 02
Eggers	Acute Patients CCU	CK-MB (single test)	12 hours after presentation Every 6-8 hours after		172	22%	77%	95%	15.4	0.8128 6	0.242105	0.9360 79
Falahati	Acute Patients Hospital	CK-MB (single test)	admission for 24-48 hours		327	19%	88%	93%	12.5714	0.7467 62	0.129032	0.9706 22
Fesmire	Acute Patients Hospital Acute Patients	CK-MB (single test)	2 hours after presentation		975	5%	91%	78%	4.13636	0.1631 15	0.115385	0.9945 92
Zarich	Emergency department	CK-MB (single test)	Presentation		267	32%	47%	83%	2.76471	0.5654 14	0.638554	0.7689 37
Zimmerm an	Acute Patients Hospital	CK-MB (single test)	2 hours after onset of pain		955	100 %	21%	91%	2.33333	1	0.868132	0

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Zimmerm an	Acute Patients Hospital	CK-MB (single test)	4 hours after onset of pain		955	100 %	46%	89%	4.18182	1	0.606742	0
Zimmerm an	Acute Patients Hospital	CK-MB (single test)	6 hours after onset of pain		955	100 %	92%	89%	8.36364	1	0.089888	0
Zimmerm an	Acute Patients Hospital	CK-MB (single test)	10 hours after onset of pain		955	100 %	96%	90%	9.6	1	0.044444	0
Zimmerm an	Acute Patients Hospital	CK-MB (single test)	14 hours after onset of pain		955	100 %	91%	90%	9.1	1	0.1	0
Zimmerm an	Acute Patients Hospital	CK-MB (single test)	18 hours after onset of pain		955	100 %	81%	90%	8.1	1	0.211111	0
Zimmerm an	Acute Patients Hospital	CK-MB (single test)	22 hours after onset of pain		955	100 %	53%	92%	6.625	1	0.51087	0
				Initial peak: 1-4 hours Mean								

	Acute Patients Emergency	Myoglobin		hours Mean time to peak elevation : 6-7						0.6792		0.8210	
Balk	department Acute Patients	(single test)	Presentation Presentation and 3, 6	hours	4172	28%	49%	91%	5.44444	08	0.56044	53	
	Emergency	Myoglobin	and 12 hours after							0.5544		0.9060	l
Kost	department Acute Patients	(single test)	presentation		97	28%	80%	75%	3.2	55	0.266667	4	l
	Emergency	Myoglobin	0-4 hours after onset of			100							l
Chui	department or CCU	(single test)	pain		87	%	56%		0.558	1	#DIV/0!	0	l
	Acute Patients Emergency	Myoglobin	4-8 hours after onset of			100							l
Chui	department or CCU	(single test)	pain		87	%	92%		0.92	1	#DIV/0!	0	J

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	Acute Patients	Biomarker		peaky					•	Value	ourado	Value
Chui	Emergency department or CCU Acute Patients	Myoglobin (single test)	8-12 hours after onset of pain		87	100 %	85%		0.85	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Myoglobin (single test)	12-24 hours after onset of pain		87	100 %	75%		0.75	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Myoglobin (single test)	24-48 hours after onset of pain		87	100 %	43%		0.43	1	#DIV/0!	0
Chui	Emergency department or CCU Acute Patients	Myoglobin (single test)	48-72 hours after onset of pain		87	100 %	20%		0.2	1	#DIV/0!	0
Chui	Emergency department or CCU	Myoglobin (single test)	>72 hours after onset of pain		87	100 %	14%		0.14	1	#DIV/0!	0
Eggers	Acute Patients CCU	Myoglobin (single test)	Presentation		176	22%	63%	95%	12.6	0.7804 05	0.389474	0.9010 21
Eggers	Acute Patients CCU	Myoglobin (single test)	6 hours after presentation		180	22%	43%	95%	8.6	0.7080 84	0.6	0.8552 63
Fesmire	Acute Patients Hospital	Myoglobin (single test)	2 hours after presentation		975	5%	75%	80%	3.75	0.1501 67	0.3125	0.9854 89
Vatansev er	Acute Patients Emergency department Acute Patients	Myoglobin (single test)	Presentation		60	55%	85%	90%	8.5	0.9121 95	0.166667	0.8307 69
Vatansev er	Emergency department	Myoglobin (single test)	2 hours after presentation		60	55%	97%	90%	9.7	0.9222 13	0.033333	0.9608 54
Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	2 hours after onset of pain		955	100 %	26%	87%	2	1	0.850575	0
Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	4 hours after onset of pain		955	100 %	42%	89%	3.81818	1	0.651685	0
Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	6 hours after onset of pain		955	100 %	79%	89%	7.18182	1	0.235955	0

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Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	10 hours after onset of pain		955	100 %	87%	90%	8.7	1	0.144444	0
Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	14 hours after onset of pain		955	100 %	62%	88%	5.16667	1	0.431818	0
Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	18 hours after onset of pain		955	100 %	58%	89%	5.27273	1	0.47191	0
Zimmerm an	Acute Patients Hospital	Myoglobin (single test)	22 hours after onset of pain		955	100 %	43%	91%	4.77778	1	0.626374	0
Balk	Acute Patients Emergency department	Troponin I (serial)	Not reported		1393	8%	95%	90%	9.5	0.4351 15	0.055556	0.9955 16
Balk	Acute Patients Emergency department	Troponin T (serial)	Not reported		904	28%	93%	85%	6.2	0.7068 4	0.082353	0.9689 68
Balk	Acute Patients Emergency department	CK (serial)	Not reported		786	35%	83%	76%	3.4375	0.6492 41	0.230263	0.8896 89
Balk	Acute Patients Emergency department Acute Patients	CK-MB (serial)	Not reported		11625	18%	79%	96%	19.75	0.8125 71	0.21875	0.9541 82
Zarich	Emergency department	CK-MB (serial)	Presentation		267	32%	95%	87%	7.30769	0.7747 2	0.057471	0.9736 67
Balk	Acute Patients Emergency department	Myoglobin (serial)	Not reported		1277	26%	89%	87%	6.84615	0.7063 49	0.126437	0.9574 66

Paper	Population	Biomarker	Reported timing of test (presentation or onset of symptoms)	Natural History of test (when does it peak)	N (Population)	Prevalance	Sensitivity	Specificity	Postive Likelihood ratio	Postiv e predic tive Value	Negative Likeliho od ratio	Negati ve predic tive Value
	Acute Patients	CK-MB and	2 studies at							0.0470		0.0000
Della	Emergency	myoglobin	presentation, 1 study 2		2283	29%	83%	82%	4 / 1 1 1 1	0.6476 39	0.207317	0.9236
Balk	department	(single)	hours after presentation		2263	29%	63%	62%	4.61111	39	0.207317	71
	Acute Patients	CK-MB and										
	Emergency	myoglobin								0.5464		
Balk	department	(serial)	Not reported		291	17%	100%	83%	5.88235	48	0	1
	1 1											
	Acute Patients	Triple test (single										
	Emergency	test) (troponin I, CK-	0-4 hours after onset of			100						
Chui	department or CCU	MB, myoglobin)	pain		87	%	62%		0.62	1	#DIV/0!	0
Chui	department of CCO	Triple test (single	pain		07	70	02 /0		0.02	1	#DIV/0:	0
	Acute Patients	test)										
	Emergency	(troponin I, CK-	4-8 hours after onset of			100						
Chui	department or CCU	MB, myoglobin)	pain		87	%	96%		0.96	1	#DIV/0!	0
		Triple test (single	1 2		-							-
	Acute Patients	test)										
	Emergency	(troponin I, CK-	8-12 hours after onset of			100						
Chui	department or CCU	MB, myoglobin)	pain		87	%	98%		0.98	1	#DIV/0!	0
		Triple test (single										
	Acute Patients	test)										
<u>.</u>	Emergency	(troponin I, CK-	12-24 hours after onset			100						
Chui	department or CCU	MB, myoglobin)	of pain		87	%	97%		0.97	1	#DIV/0!	0
	A suite Detiente	Triple test (single										
	Acute Patients	test)	24-48 hours after onset			100						
Chui	Emergency department or CCU	(troponin I, CK-	of pain		87	100	99%		0.99	1	#DIV/0!	0
Chui	department or CCU	MB, myoglobin)	of pain		87	%	99%		0.99	1	#DIV/0!	0
	Acute Patients	Triple test (single test)										
	Emergency	(troponin I, CK-	48-72 hours after onset			100						
Chui	department or CCU	MB, myoglobin)	of pain		87	%	99%		0.99	1	#DIV/0!	0
Unu		Triple test (single			51	70	5570		0.77	l '	"DIV/O.	
	Acute Patients	test)										
	Emergency	(troponin I, CK-	>72 hours after onset of			100						
Chui	department or CCU	MB, myoglobin)	pain		87	%	95%		0.95	1	#DIV/0!	0

## 1.1.2 Summary table showing highest sensitivities and specificities of each biomarker evaluated in the study

Single

testing

Paper	Troponin I Sensitiviti y	Specificity	Troponin T Sensitivitiy	Specificit y	CK-MB Sensitiviti y	Specificit y	CK Sensitiviti y	Specifi city	Myoglobin Sensitivitiy	Specificity	CK-MB & My Sensitivitiy	oglobin Specifici ty	Triple test Sensitivi tiy	Specificity
Balk	39%	93%	39%	93%	42%	97%	37%	87%	49%	91%	83%	82%		
(time if given)														
Ebell	90%	95%	93%	80%										
(time if given)		6 hours		10 hours										
Guo			95%	94%										
(time if given)														
Kost	90%	100%	89%	90%	89%	90%			80%	75%				
(time if given)														
Alp	76%	92%												
(time if given)		6 hours												
Chiu	97%				98%				92%				99%	
(time if given)		12-24 hours				8-12 hours				4-8 hours				72 hours
Eggers	100%	95%			81%	95%			63%	95%				
(time if given)		12 hours				6 hours				0 hours				
Falahati	100%	96%			88%	93%	74%	85%						
(time if given)														
Fesmire					91%	78%			75%	80%				
(time if given)						2 hours				2 hours				
Gust (out of hospital)			25%	98%										
(time if given)														
Planer (out of hospital)			83%	100%										
(time if given)														

Zarich			87%	94%	47%	83%					
(time if given)				0 hours		0 hours					
al Harbi	93%	79%									
(time if given)		16 hours									
Vatansever			97%	90%			79%	90% 2	97%	90%	
(time if given)				2 hours				hours		2 hours	
Zimmerman	96%	93%	87%	96%	96%	90%			87%	90%	
(time if given)		18 hours		10 hours		10 hours				10 hours	

## Serial testing

Paper	Troponin I Sensitiviti y	Specificity	Troponin T Sensitivitiy	Specificit y	CK-MB Sensitiviti y	Specificit y	CK Sensitiviti y	Specifi city	Myoglobin Sensitivitiy	Specificity	CK-MB & My Sensitivitiy	oglobin Specifici ty
Balk (time if given)	95%	90%	93%	85%	79%	96%	83%	76%	89%	87%	100%	83%
Zarich (time if given)					95%	87%						