

Supplemental table 3: Characteristics of included studies

Study		Country	Design		Size (n)	Reference disease	Reference standard	Patients with disease (%)
McConahay 1971	1	USA	consecutive	prospective	100	CHD	Angiography	65.0
Sawe 1971	2	S	consecutive	nr	137	MI	Combination	38.6
Sawe 1972	3	S	consecutive	retrospective	1046	MI	Combination	48.9
Sawe 1972a	4	S	consecutive	prospective	191	MI	Combination	56.0
Piessens 1974	5	USA	nr	nr	70	CHD	Angiography	57.1
Detry 1977	6	B	nr	nr	278	CHD	Angiography	73.4
Schroeder 1978	7	USA	consecutive	prospective	211	MI	Combination	43.1
Waters 1978	8	CDN	not consecutive	prospective	239	CHD	Angiography	43.5
Plotnick 1979	9	USA	consecutive	prospective	200	CHD	Angiography	17.5
Schroeder 1979	10	USA	consecutive	prospective	211	MI	Combination	43.1
Pearson 1979	11	USA	nr	retrospective	483	CHD	Angiography	71.6
van der Does 1980	12	NL	consecutive	prospective	1343	MI	Combination	9.7
Grande 1980	13	DK	consecutive	prospective	401	MI	Combination	47.9
Short 1981	14	GB	consecutive	prospective	383	MI	Combination	40.0
Holmes 1981	15	USA	consecutive	prospective	431	CHD	Angiography	82.6
Chaitman 1981	16	CDN	consecutive	retrospective	8157	CHD	Angiography	55.2
Craig 1982	17	AUS	consecutive	prospective	380	MI	Combination	57.1
Kambara 1982	18	J	nr	prospective	59	CHD	Angiography	62.7
Hickam 1982	19	USA	consecutive	prospective	241	CHD	Angiography	75.8
Beunderman 1983	20	NL	not consecutive	retrospective	106	MI	Clinical course	50.0
Melin 1983	21	B	consecutive	prospective	224	CHD	Angiography	79.5
Sirnes 1984	22	N	consecutive	prospective	227	MI	Enzymes	70.7
Lee 1985	23	USA	consecutive	prospective	596	MI	Combination	17.4
Turi 1985	24	USA	consecutive	prospective	903	MI	Combination	88.0
Brown 1985	25	GB	nr	prospective	101	MI	Clinical course	53.5
Davies 1985	26	GB	consecutive	prospective	80	CHD	Combination	52.0
Underwood 1985	27	USA	not consecutive	retrospective	176	CHD	Angiography	50.0
Joswig 1985	28	USA	consecutive	prospective	184	CHD	Angiography	58.2
Logan 1986	29	NZ	consecutive	prospective	227	MI	Combination	43.2
Tierney 1986	30	USA	consecutive	prospective	492	MI	Combination	12.4
Toyosaki 1986	31	J	nr	prospective	1000	CHD	Combination	24.8
Kladetzky 1986	32	D	nr	prospective	497	CHD	Angiography	66.6
Madsen 1987	33	DK	consecutive	prospective	532	MI	Combination	51.7
Hedges 1987	34	USA	consecutive	prospective	773	MI	Combination	6.6
Miller 1987	35	USA	consecutive	prospective	100	MI	Enzymes	43.0
Herlihy 1987	36	USA	consecutive	prospective	265	MI	Combination	44.5
Solomon 1989	37	USA	consecutive	prospective	7734	MI	Combination	14.5
Mukerji 1989	38	USA	nr	retrospective	250	CHD	Angiography	50.0
Cunningham 1989	39	USA	consecutive	prospective	7734	MI	Combination	14.5
Lee 1989	40	USA	consecutive	prospective	7734	MI	Combination	14.5
Berger 1990	41	CH	consecutive	prospective	278	MI	Combination	36.0
Ananich 1990	42	RUS	nr	prospective	173	MI	Angiography	24.3
Lee 1990	43	USA	consecutive	prospective	7734	MI	Combination	13.6
Weaver 1990	44	USA	nr	prospective	2472	MI	Clinical course	18.3
Hoberg 1990	45	D	consecutive	prospective	220	CHD	Angiography	54.2

Study		Country	Design		Size (n)	Reference disease	Reference standard	Patients with disease (%)
Hartz 1990	46	USA	consecutive	prospective	275	CHD	Angiography	68.4
Ohman 1996	47	IRL	consecutive	prospective	82	MI	Combination	62.0
Jonsbu 1991	48	N	consecutive	prospective	200	MI	Combination	36.5
Gaston-Johansson 199	49	S	consecutive	prospective	94	MI	Combination	40.4
Miranda 1991	50	USA	nr	retrospective	476	CHD	Angiography	75.6
Greene 1991	51	USA	not consecutive	prospective	212	CHD	Angiography	65.1
Elder 1991	52	GB	consecutive	retrospective	268	CHD	Angiography	89.9
Aufderheide 1992	53	USA	nr	prospective	680	MI	Combination	20.7
Ben-Haim 1992	54	USA	nr	prospective	49	MI	Combination	16.3
Herlitz 1992	55	S	consecutive	prospective	4232	MI	Combination	21.8
Barefoot 1992	56	USA	nr	retrospective	1465	CHD	Angiography	68.0
Dilger 1992	57	D	consecutive	prospective	122	MI	Combination	37.0
Lee 1993	58	GB	consecutive	prospective	136	MI	Enzymes	54.4
Hartford 1993	59	S	consecutive	prospective	226	MI	Combination	48.8
Aase 1993	60	N	consecutive	prospective	918	MI	Clinical course	44.4
Hofgren 1994	61	S	consecutive	prospective	889	MI	Combination	49.0
Mayou 1994	62	GB	consecutive	prospective	94	CHD	Clinical course	36.7
Bakker 1994	63	NL	consecutive	prospective	297	MI	Combination	51.6
Lee 1994	64	GB	consecutive	prospective	94	MI	Combination	46.8
Eriksson 1994	65	S	consecutive	prospective	80	MI	Combination	50.0
Chin 1994	66	USA	consecutive	prospective	500	MCE	Clinical course	21.8
Chattington 1994	67	GB	nr	prospective	156	MI	Combination	26.0
Grijseels 1995	68	NL	consecutive	prospective	1005	ACS	Combination	42.0
Herlitz 1995	69	S	consecutive	prospective	503	MI	Combination	21.4
Warner 1995	70	USA	nr	prospective	55	CHD	Combination	40.0
Hofgren 1995	71	S	consecutive	prospective	914	MI	Combination	49.7
Everts 1996	72	S	consecutive	prospective	903	MI	Combination	50.0
Goldman 1996	73	USA	consecutive	prospective	4676	MCE	Combination	3.6
Tighe 1996	74	IRL	consecutive	prospective	264	MI	Combination	32.6
Fraenkel 1996	75	IL	not consecutive	retrospective	114	CHD	Angiography	57.9
Cooke 1997	76	GB	consecutive	prospective	130	CHD	Angiography	50.0
Vikenes 1997	77	N	consecutive	prospective	113	MI	Combination	63.0
Pfister 1997	78	CH	consecutive	prospective	364	MI	Combination	18.3
Kudenchuk 1998	79	USA	consecutive	prospective	2665	ACS	Combination	47.1
Lopez-Jimenez 1998	80	USA	consecutive	prospective	2694	MI	Combination	6.4
Ladwig 1998	81	D	consecutive	prospective	89	CHD	Angiography	64.9
Atwood 1998	82	USA	consecutive	retrospective	1384	CHD	Angiography	59.6
Pope 1998	83	USA	consecutive	prospective	10689	ACS	Combination	23.8
Kontos 1998	84	USA	consecutive	prospective	260	MCE	Clinical course	17.3
Zimmerman 1999	85	USA	consecutive	prospective	955	ACS	Combination	33.7
Holmvang 1999	86	DK	nr	prospective	629	MI	Combination	6.5
Aase 1999	87	N	nr	prospective	493	MI	Clinical course	36.1
Gurevitz 2000	88	IL	consecutive	prospective	135	CHD	Angiography	58.5
Bassan 2000	89	BR	consecutive	prospective	1003	MI	Combination	16.5

Study		Country	Design		Size (n)	Reference disease	Reference standard	Patients with disease (%)
Albarran 2000	90	GB	consecutive	retrospective	267	MI	Combination	44.2
Schannwell 2000	91	D	consecutive	prospective	5000	CHD	Angiography	68.2
Hsu 2000	92	SGP	consecutive	prospective	51	MI	Combination	56.9
Ng SM 2001	93	USA	consecutive	prospective	1285	MI	Combination	5.1
Sharaf 2001	94	USA	consecutive	prospective	323	CHD	Angiography	43.0
McCord 2001	95	USA	consecutive	prospective	1024	MI	Combination	8.0
Funk 2001	96	USA	consecutive	prospective	528	ACS	Combination	40.7
Goodacre 2002	97	GB	consecutive	prospective	893	MI	Combination	3.8
Herlitz 2002a	98	S	consecutive	prospective	1592	MI	Combination	17.9
Derhaschnig 2002	99	A	consecutive	prospective	200	ACS	Combination	51.1
Baxt 2002a	100	USA	nr	prospective	2204	ACS	Clinical course	16.4
Vodopiutz 2002	101	A	nr	nr	92	CHD	Combination	46.7
Herlitz 2002	102	S	consecutive	retrospective	930	ACS	Combination	30.0
Albarran 2002	103	GB	consecutive	prospective	541	MI	Combination	49.2
Baxt 2002	104	USA	nr	prospective	2204	MI	Combination	5.8
Schannwell 2002	105	D	consecutive	prospective	180	CHD	Angiography	57.8
Muscholl 2002	106	D	consecutive	prospective	132	MCE	Clinical course	34.1
De 2002	107	CDN	consecutive	retrospective	187	CHD	Angiography	29.4
Milner 2002	108	USA	nr	prospective	522	ACS	Combination	40.8
Bodi 2002	109	E	consecutive	prospective	385	MI	Enzymes	4.2
Shry 2002	110	USA	nr	nr	223	CHD	Combination	33.2
Svensson 2003	111	S	consecutive	prospective	538	MI	Combination	29.5
McClelland 2003	112	GB	consecutive	prospective	103	MI	Combination	51.5
D'Antono 2003	113	CDN	consecutive	prospective	333	MCE	Clinical course	26.4
Henrikson 2003	114	USA	consecutive	prospective	459	CHD	Clinical course	33.9
Miller 2004	115	USA	consecutive	prospective	2992	MCE	Clinical course	2.8
Ismail 2004	116	PK	consecutive	prospective	388	MI	Combination	50.0
Norgaard 2004	117	DK	nr	prospective	1209	MCE	Clinical course	17.8
Bassan 2004	118	BR	consecutive	prospective	1003	ACS	Combination	47.5
Bulgiba 2005	119	MAL	consecutive	retrospective	887	MI	Combination	27.7
Sanfilippo 2005	120	CDN	nr	prospective	158	CHD	Combination	19.0
Wierzbicki 2005	121	PK	nr	prospective	400	CHD	Angiography	50.0
Farwell 2005	122	USA	consecutive	prospective	600	MI	Combination	50.5
Cosin-Sales 2005	123	GB	consecutive	prospective	643	CHD	Angiography	84.9
Rothenbacher 2005	124	D	nr	prospective	788	CHD	Angiography	39.6
Soiza 2005	125	GB	consecutive	prospective	869	ACS	Clinical course	64.3
Wu 2005	126	GB	consecutive	prospective	405	CHD	Angiography	60.2
Svensson 2005	127	S	consecutive	prospective	538	MI	Combination	31.0
Park 2005	128	D	consecutive	prospective	264	CHD	Angiography	77.3
Diercks 2005	129	USA	nr	prospective	664	CHD	Combination	18.4
Schulze 2006	130	D	nr	retrospective	262	CHD	Clinical course	50.0

Study		Country	Design		Size (n)	Reference disease	Reference standard	Patients with disease (%)
Johnston 2006	131	S	not consecutive	nr	921	ACS	Clinical course	53.2
Johnson 2006	132	USA	consecutive	prospective	673	CHD	Angiography	38.8
Shaw 2006	133	USA	nr	prospective	883	CHD	Angiography	38.1
Christenson 2006	134	CDN	consecutive	prospective	769	ACS	Combination	21.5
Comeau 2006	135	CDN	consecutive	prospective	100	ACS	Clinical course	31.0
Green 2006	136	S	consecutive	prospective	634	ACS	Combination	20.5
Bjork 2006	137	S	consecutive	prospective	634	ACS	Combination	20.5
Gorelik 2006	138	IL	consecutive	prospective	921	ACS	Combination	23.8
Bhiladvala 2006	139	S	consecutive	prospective	356	MI	Enzymes	27.8
Alhashemi 2006	140	KSA	consecutive	prospective	64	MI	Combination	64.0
Pekdemir 2006	141	TR	consecutive	prospective	137	ACS	Combination	37.2
Gellerstedt 2006	142	S	consecutive	prospective	503	MI	Combination	20.9
Steele 2006	143	CDN	consecutive	prospective	270	CHD	Combination	30.7
Han 2007	144	USA	nr	prospective	10126	ACS	Combination	8.3
Jerlock 2007	145	S	consecutive	prospective	294	ACS	Combination	18.0
Han 2007	146	USA	consecutive	prospective	10806	ACS	Clinical course	8.1
Sekhri 2007	147	GB	consecutive	prospective	8762	MCE	Clinical course	6.8
Martin 2007	148	GB	consecutive	prospective	151	MI	MRI	50.0
Lewandoski 2007	149	PL	nr	prospective	551	CHD	Angiography	61.0
Ecollan 2007	150	F	consecutive	prospective	108	MI	Enzymes	51.0
Sanchez 2007	151	E	consecutive	prospective	732	ACS	Combination	27.2
Lozano 2007	152	E	consecutive	prospective	191	ACS	Combination	19.9
Zornitzki 2007	153	IL	consecutive	prospective	243	CHD	Angiography	63.0
Min 2007	154	USA	consecutive	retrospective	1127	CHD	Cardiac CT	38.5
Myint 2007	155	GB	consecutive	prospective	187	ACS	Combination	45.9
Høilund-Carlsen 2007	156	DK	consecutive	prospective	357	CHD	Angiography	35.3
Mad 2007	157	A	consecutive	prospective	295	ACS	Combination	50.0
Gorelik 2007	158	IL	consecutive	prospective	1000	ACS	Combination	22.7
Koz 2008	159	TR	consecutive	prospective	102	CHD	Angiography	44.1
Blich 2008	160	IL	consecutive	retrospective	883	MI	Combination	64.8
Body 2008	161	GB	consecutive	prospective	796	MI	Enzymes	18.6
Cury 2008	162	USA	consecutive	prospective	62	ACS	Combination	21.0
Horinaka 2008	163	J	consecutive	prospective	696	CHD	Angiography	83.3
Jung 2008	164	ROK	not consecutive	retrospective	192	CHD	Angiography	47.4
Kim 2008	165	ROK	nr	prospective	40	CHD	Combination	35.0
Liyan 2008	166	CN	consecutive	prospective	113	ACS	Combination	79.7
Rubinshtein 2008	167	IL	consecutive	prospective	545	CHD	Cardiac CT	16.7
Six 2008	168	NL	consecutive	prospective	120	MCE	Combination	24.2
Kumarathurai 2008	169	DK	consecutive	prospective	273	CHD	Perfusion scintigraphy	44.3
Jo 2009	170	ROK	consecutive	prospective	434	CHD	Angiography	51.8
Onishi 2009	171	J	consecutive	prospective	186	CHD	Combination	23.1
Ueno 2009	172	J	consecutive	prospective	36	ACS	Combination	33.3

ACS: acute coronary syndrome; CHD: coronary heart disease; MI: myocardial infarction; MCE: major cardiac event;  
n.r.: not reported;  
A: Austria; AUS: Australia; B: Belgium; BR: Brazil; CDN: Canada; CH: Switzerland; CN: People's Republic of China; D: Germany; DK: Denmark; E: Spain; F: France; GB: United Kingdom; IL: Israel; IRL: Ireland; J: Japan;

Study	Country	Design	Size (n)	Reference disease	Reference standard	Patients with disease (%)
KSA: Saudi Arabia; MAL: Malaysia; N: Norway; NL: Netherlands; NZ: New Zealand; PK: Pakistan; PL: Poland; ROK: Republic of Korea; RUS: Russia; S: Sweden; SGP: Singapore; TR: Turkey; USA: United States of America						

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