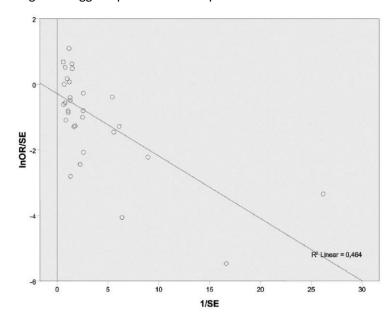
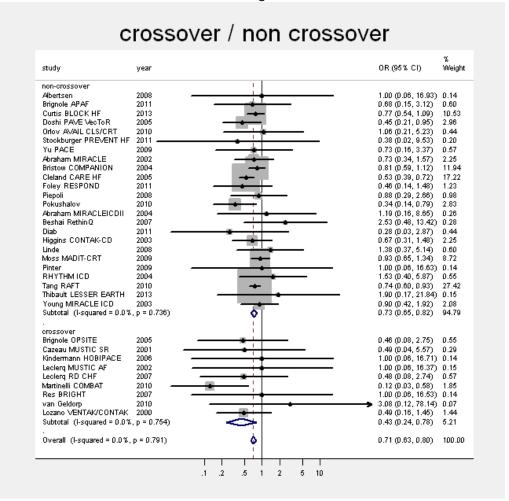
Appendix Figure A. Individual evaluation of quality /risk of bias of included studies in the metaanalysis.

Appendix Figure	Α.	In	dıv	ıdı	ıal
	n bias)		performance bias)	tion bias)	_
	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)
	ndom sequen	cation conce.	ding of partic	ding of outco	mplete outor
		Allo	illi	_	<u>8</u>
Abraham 2002 MIRACLE	•	-	•	•	•
Abraham2004 MIRACLEICDII Albertsen 2008	?	?	?	?	
Auricchio 2003 PATH-CHF	•	•	•	?	?
Bänsch 2002 CAT) •	•	•	?	?
Bardy 2005 SCD-HeFT	•	•	•	•	•
Beshai 2007 RethinQ	•	•	•	?	?
Bigger 1997 CABG Patch	?	?	?	?	?
Brignole 2005 OPSITE	?	?	•	?	•
Brignole 2011 APAF	•	•	•	•	•
Bristow 2004 COMPANION	?	?	•	•	•
Buxton 1999 MUSTT	?	?	?	?	•
Cazeau 2001 MUSTIC-SR	?	?	•	?	•
Cleland 2005 CARE-HF	?	?	•	•	?
Curtis 2013 BLOCK HF Diab 2011	?	?	•	?	•
Doshi 2005 PAVE-VecToR	?	?	•	?	
Foley 2011 RESPOND	•	•	•	?	
Goscinska 2008	?	?	•	?	?
Higgins 2003 CONTAK-CD	?	?	•	?	?
Hohnloser 2004 DINAMIT	•	•	•	•	•
Höijer 2006	?	?	•	?	•
Kadish 2004 DEFINITE	?	?	?	•	?
Kindermann 2006 HOBIPACE	?	?	•	?	•
Leclerq 2002 MUSTIC-AF	?	?	•	?	?
Leclerq 2007 RD-CHF	?	?	•	?	•
Linde 2008 REVERSE Lozano2000 VENTAK/CONTAK	?	?	?	•	?
Martinelli 2002	?	?	•	?	?
Martinelli 2010 COMBAT	•	•	•	•	?
Moss 1996 MADIT	?	?	•	?	?
Moss 2002 MADIT II	?	?	•	?	?
Moss 2009 MADIT-CRT	?	?	?	•	•
Orlov 2010 AVAIL CLS/CRT	?	?	•	?	•
Piccirillo 2006	?	?	?	?	•
Piepoli 2008	?	?	?	?	?
Pinter 2009	?	?	•	•	•
Pokushalov 2010	•	•	•	?	•
Res 2007 BRIGHT	?	?		?	?
RHYTHM ICD 2004 Saxon 2002 VIGOR	?	?	?	?	?
Steinbeck 2009 IRIS	9	•	•	•	?
Stockburger2011 PREVENTHF	•	•	?	?	•
Strickberger2003 AMIOVIRT	?	?	?	?	•
Tang 2010 RAFT	?	?	•	?	•
Thibault 2013LESSER-EARTH	?	?	•	•	•
van Geldorp 2010	?	?	•	•	•
Young 2003 MIRACLE ICD	•	•	•	?	?
Yu 2009 PACE	•	•	•	•	

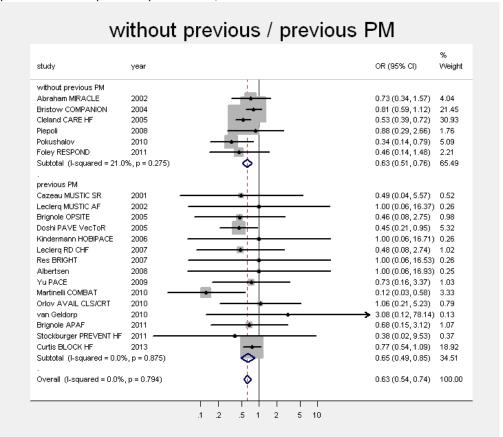
Appendix Figure B: Egger's plot: relation of precision to standardized effect.



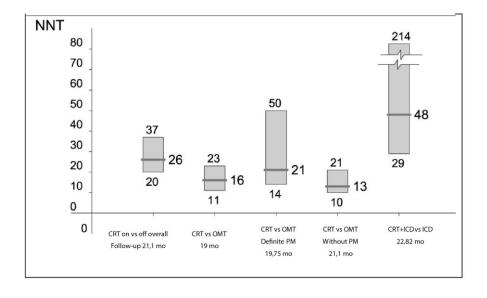
Appendix Figure C: Subgroup analysis, with evaluation of efficacy of CRT versus inactive CRT in trials with non – crossover and crossover design



Appendix Figure D: Efficacy of CRT versus OMT with subgroup analysis 'without previous pacemaker' and 'previous pacemaker', and the overall estimation



Appendix Figure E: Compared efficacy in the evaluation of mortality in the different options, with superiority of CRT vs OMT in patients without previous pacemaker (PM)



Appendix Figure F. Evaluation of efficacy in comparison of CRT+ICD versus ICD. CRT + ICD ICD Odds Ratio

	CRT +	ICD	ICD			Odds Ratio	Odds Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% C	I M-H, Fixed, 95% CI
Abraham2004 MIRACLEICDII	2	85	2	101	0.6%	1.19 [0.16, 8.65]	
Beshai 2007 RethinQ	5	87	2	85	0.6%	2.53 [0.48, 13.42]	
Diab 2011	1	24	3	22	1.0%	0.28 [0.03, 2.87]	•
Higgins 2003 CONTAK-CD	11	245	16	245	5.1%	0.67 [0.31, 1.48]	-
Linde 2008 REVERSE	9	419	3	191	1.3%	1.38 [0.37, 5.14]	-
Lozano2000 VENTAK/CONTAK	5	222	10	222	3.3%	0.49 [0.16, 1.45]	
Moss 2009 MADIT-CRT	74	1089	53	731	19.7%	0.93 [0.65, 1.34]	+
Piccirillo 2006	0	16	0	15		Not estimable	
Pinter 2009	1	36	1	36	0.3%	1.00 [0.06, 16.63]	
RHYTHM ICD 2004	9	119	3	59	1.2%	1.53 [0.40, 5.87]	
Tang 2010 RAFT	186	894	236	904	61.9%	0.74 [0.60, 0.93]	
Thibault 2013LESSER-EARTH	2	44	1	41	0.3%	1.90 [0.17, 21.84]	- •
Young 2003 MIRACLE ICD	14	187	15	182	4.7%	0.90 [0.42, 1.92]	_
Total (95% CI)		3467		2834	100.0%	0.81 [0.68, 0.96]	♦
Total events	319		345				
Heterogeneity: Chi ² = 6.99, df = 11	I(P = 0.80)); $I^2 = 0$)%				
Test for overall effect: Z = 2.48 (P	= 0.01)	,-				_	0.02

Appendix Figure G. Evaluation of efficacy in comparison of ICD versus OMT.

	ICD		OM.	Т	Odds Ratio		Odds Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI
Bardy 2005 SCD-HeFT	182	829	484	1692	13.4%	0.70 [0.58, 0.85]	-
Bigger 1997 CABG Patch	101	446	95	454	12.1%	1.11 [0.81, 1.52]	
Buxton 1999 MUSTT	35	161	255	511	11.0%	0.28 [0.18, 0.42]	
Bänsch 2002 CAT	13	50	17	54	6.2%	0.76 [0.33, 1.80]	
Hohnloser 2004 DINAMIT	62	332	58	342	11.2%	1.12 [0.76, 1.67]	
Kadish 2004 DEFINITE	28	229	40	229	9.6%	0.66 [0.39, 1.11]	-
Moss 1996 MADIT	15	95	39	101	7.8%	0.30 [0.15, 0.59]	
Moss 2002 MADIT II	105	742	97	490	12.3%	0.67 [0.49, 0.90]	
Steinbeck 2009 IRIS	116	445	117	453	12.4%	1.01 [0.75, 1.36]	_
Strickberger2003 AMIOVIRT	6	51	7	52	4.1%	0.86 [0.27, 2.75]	•
Total (95% CI)		3380		4378	100.0%	0.69 [0.52, 0.92]	•
Total events	663		1209				
Heterogeneity: Tau ² = 0.14; Ch	i ² = 44.09	, df = 9	(P < 0.00)	001); I	² = 80%		0.2 0.5 1 2
Test for overall effect: Z = 2.57	(P = 0.01))					Favours ICD Favours OM

