Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Search Syntax Performed Last on June 15, 2019	
Database	**Syntax**
PubMed/MEDLINE (n= 1838)	(((((((((radius fractures[MeSH Terms]) AND distal[Title/Abstract])) OR colles' fracture[MeSH Terms]) OR wrist injuries[MeSH Terms])) OR ((((((((radius[Title/Abstract]) OR radial[Title/Abstract])) AND distal[Title/Abstract])) AND fractur*[Title/Abstract])) OR ((((colles[Title/Abstract]) OR smith[Title/Abstract]) OR barton[Title/Abstract]) OR wrist[Title/Abstract]))) AND fractur*[Title/Abstract])))))) AND (((((((surgical procedure, operative[MeSH Terms]) OR fracture fixation[MeSH Terms]) OR orthopedic procedure[MeSH Terms]) OR orthopedics[MeSH Terms])) OR ((((((((((surg*[Title/Abstract]) OR operat*[Title/Abstract]) OR orthop*[Title/Abstract]) OR pin*[Title/Abstract]) OR nail*[Title/Abstract]) OR screw*[Title/Abstract]) OR plat*[Title/Abstract]) OR rod*[Title/Abstract]) OR wire*[Title/Abstract]) OR fix*[Title/Abstract]) OR ORIF[Title/Abstract]) OR ExFix[Title/Abstract]))) AND ((((conservative treatment[MeSH Terms]) OR physical therapy modalities[MeSH Terms])) OR ((((((((((((((conserv*[Title/Abstract]) OR conven*[Title/Abstract]) OR non-operat*[Title/Abstract]) OR "non operative"[Title/Abstract]) OR nonoperat*[Title/Abstract]) OR non-surg*[Title/Abstract]) OR "non surgical"[Title/Abstract]) OR nonsurg*[Title/Abstract]) OR cast*[Title/Abstract]) OR splint*[Title/Abstract]) OR brace*[Title/Abstract]) OR bracing[Title/Abstract]) OR plaster[Title/Abstract]) OR bandage*[Title/Abstract]) OR tape*[Title/Abstract]) OR taping[Title/Abstract]))))
Embase (n= 1713)	('distal radius fracture'/exp OR 'colles fracture'/exp OR (('radius':ab,ti OR 'radial':ab,ti) AND 'distal':ab,ti AND 'fractur*':ab,ti) OR (('colles':ab,ti OR 'smith':ab,ti OR 'barton':ab,ti OR 'wrist':ab,ti) AND 'fractur*':ab,ti)) AND ('surgery'/de OR 'orthopedic surgery'/de OR 'surg*':ab,ti OR 'operat*':ab,ti OR 'orthop*':ab,ti OR 'pin*':ab,ti OR 'nail*':ab,ti OR 'screw*':ab,ti OR 'plate*':ab,ti OR 'rod*':ab,ti OR 'wire*':ab,ti OR 'fix*':ab,ti OR 'orif':ab,ti OR 'exfix':ab,ti) AND ('conservative treatment'/de OR 'conservative':ab,ti OR 'conventional':ab,ti OR 'non-operative':ab,ti OR 'non operative':ab,ti OR 'nonoperative':ab,ti OR 'non-surgical':ab,ti OR 'non surgical':ab,ti OR 'nonsurgical':ab,ti OR 'cast*':ab,ti OR 'splint*':ab,ti OR 'brace*':ab,ti OR 'bracing':ab,ti OR 'plaster*':ab,ti OR 'bandage':ab,ti OR 'tape*':ab,ti OR 'taping*':ab,ti)
CENTRAL (n= 837)	Radius AND distal AND fracture
CINAHL (n= 272)	(((MH distal radius OR TI distal radius OR AB distal radius OR TI radius OR AB radius OR TI radial OR AB radial OR TI colles OR AB colles OR TI smith OR AB smith OR TI barton OR AB barton OR TI wrist OR AB wrist) AND (MH fracture OR MH fractures OR TI fractur* OR AB fractur*)) AND ((MH surgical procedures, operative OR MH orthopedics OR TI surg* OR AB surg* OR TI operat* OR AB operat* OR TI orthop* OR AB orthop* OR TI pin* OR AB pin* OR TI nail* OR AB nail* OR TI screw* OR AB screw* OR TI plate* OR AB plate* OR TI rod* OR AB rod* OR TI wire* OR AB wire* OR TI fix* OR AB fix* OR TI ORIF OR AB ORIF OR TI ExFix OR AB ExFix) AND (MH Conservative Treatment OR MH physical therapy modalities OR TI conservative OR AB conservative OR TI conventional OR AB conventional OR TI non-operative OR AB non-operative OR TI non operative OR AB non operative OR TI nonoperative OR AB nonoperative OR TI non-surgical OR AB non-surgical OR TI non surgical OR AB non surgical OR TI nonsurgical OR AB nonsurgical OR TI cast* OR AB cast* OR TI brace* OR AB brace* OR TI splint* OR AB splint* OR TI bracing OR AB bracing OR TI bandage* OR AB bandage* OR TI tape* OR AB tape* OR TI taping OR AB taping OR TI plaster* OR AB plaster*))

eTable 2. Quality Assessment According to the MINORS Criteria in a Meta-analysis of Distal Radius Fractures			
Criteria	**Reported and adequate (2)**	**Reported but inadequate (1)**	**Not reported (0)**
Clearly stated aim	Aim including outcomes reported	Aim reported without outcomes	Not reported
Inclusion consecutive patients	Inclusion/exclusion criteria reported	Unclear description inclusion/exclusion criteria	Not reported
Prospective collection data	Prospective	Not applicable	Not applicable
Appropriate endpoints	Appropriate endpoints to aim study	Endpoints not appropriate to aim study	Not reported
Unbiased assessment	Blinded evaluation of outcomes	Reason not blinding stated	Not reported
Appropriate follow-up	≥ 1 year	< 1 year	Not reported
Loss to follow-up < 5%	≤ 5%	> 5%	Not applicable
Prospective calculation study size	Prospective power-analysis performed	Prospective calculation without power-analysis	Not applicable
Adequate control group	Operative versus nonoperative treatment	Not applicable	Not applicable
Contemporary groups	Study/control group managed during same period	Study/control not managed during same period	Not reported
Baseline equivalence groups	Baseline characteristics described and comparable	Baseline characteristics not comparable	Not reported
Adequate statistical analyses	Statistical analysis described including type of analyses	Inadequate description statistical analysis	Not reported
Items are scored 0 (not reported), 1 (reported but inadequate) or 2 (reported and adequate). The overall score ranging from 0 to 24 for comparative studies			

eTable 3. Treatment Characteristics of Included Studies in a Meta-analysis of Distal Radius Fractures

Study	Year	Overall	Number		Included age	Fracture type (AO), n (%)			Operative	Nonoperative
		Number	OP	NON	group (years)	A	B	C	Treatment	Treatment
RCTs										
Abbaszadegan et al.	1990	47	23	24	>18	N/A	N/A	N/A	External fixation	Cast
Arora et al.	2011	73	36	37	>65	22 (30)	0	51 (70)	ORIF volar locking plate	Cast
Azzopardi et al.	2005	54	27	27	>60	54 (100)	0	0	Percutaneous pinning	Cast
Bartl et al.	2014	149	68	81	>65	149 (100)	0	0	ORIF volar locking plate	Cast
Martinez-Mendez et al.	2018	97	50	47	>60	0	0	97 (100)	ORIF volar locking plate	Cast
Mulders et al.	2019	92	48	44	18-75	92 (100)	0	0	ORIF volar locking plate	Cast
Sharma et al.	2014	64	32	32	22-55	0	28 (44)	36 (56)	ORIF volar locking plate	Cast
Sirniö et al.	2019	80	38	42	>50	48 (60)	0	32 (40)	ORIF volar locking plate	Cast
Observational studies										
Aktekin et al.	2010	46	22	24	>65	22 (48)	0	24 (52)	External fixation	Cast
Alm-Paulsen et al.	2012	60	30	30	30-85	34 (57)	0	26 (43)	Percutaneous pinning	N/A
Arora et al.	2009	114	53	61	>70	59 (52)	0	55 (48)	ORIF volar locking plate	Cast
Barai et al.	2018	116	29	87	>18	N/A	N/A	N/A	ORIF	Cast
Chan et al.	2014	75	40	35	>65	33 (44)	0	42 (56)	ORIF volar locking plate	Cast
Egol et al.	2010	90	44	46	>65	43 (48)	9 (10)	38 (42)	Volar plate/external fixation	Cast
Gong et al.	2011	50	26	24	>18	26 (52)	0	24 (48)	ORIF volar locking plate	Cast
Hung et al.	2015	57	26	31	61-80	23 (40)	20 (35)	14 (25)	ORIF volar locking plate	Cast
Jordan et al.	2016	159	74	85	>50	102 (64)	3 (2)	54 (34)	K-wire fixation + cast	Cast
Larouche et al.	2016	129	70	59	>55	N/A	N/A	N/A	ORIF	Cast
Leerdam et al.	2019	272	87	185	>18	107 (39)	86 (32)	79 (29)	N/A	N/A
Lutz et al.	2014	258	129	129	>65	N/A	N/A	N/A	Multiple	Cast
Tan et al.	2012	63	31	32	>18	37 (59)	2 (3)	24 (38)	Intramedullary nail fixation	Cast
Toon et al.	2017	60	32	28	>21	0	16 (27)	44 (73)	ORIF volar locking plate	Cast
Zengin et al.	2019	49	25	24	>60	0	0	49 (100)	ORIF volar locking plate	Cast

OP|NON operative/nonoperative; N/A not available; n number; ORIF Open Reduction Internal Fixation; AO Classification of Fractures

eTable 4. Quality Assessment of Included Studies in a Meta-analysis of Distal Radius Fractures

MINORS criteria	**RCTs**	Abbaszadegan et al. 1190	Arora et al. 2011	Azzopardi et al. 2005	Bartl et al. 2014	Martinez-Mendez et al. 2018	Mulders et al.2019	Sharma et al. 2014	Simiö et al. 20119	**Observational studies**	Aktekin et al. 2010	Alm-Paulsen et al. 2012	Arora et al. 2009	Barai et al. 2018	Chan et al. 2014	Egol et al. 2010	Gong et al. 2011	Hung et al. 2015	Jordan et al. 2016	Larouche et al. 2016	Leerdam et al. 2019	Lutz et al. 2014	Tan et al. 2012	Toon et al. 2017	Zengin et al. 2019
Clearly stated aim		1	2	2	2	2	2	2	2		2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
Inclusion of consecutive patients		2	2	2	2	2	2	2	2		2	1	2	2	2	1	2	2	2	1	1	1	2	2	2
Prospective collection of data		2	2	2	2	2	2	2	2		1	1	1	1	2	1	2	0	1	2	0	1	1	1	0
Appropriate endpoints		2	2	2	2	2	2	2	2		2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
Unbiased assessment endpoints		0	1	1	2	1	1	0	0		1	0	1	0	0	0	1	0	2	0	0	0	1	0	0
Appropriate follow-up		2	2	2	2	2	2	2	2		2	2	2	1	2	2	1	1	2	2	2	1	2	2	2
Loss to follow-up < 5%		2	1	1	1	2	2	2	1		1	2	1	1	2	1	1	0	1	0	0	2	2	1	0
Prospective calculation study size		0	2	2	0	2	2	0	2		0	0	0	2	0	0	2	0	0	2	0	0	0	2	0
Adequate control group		2	2	2	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	0	2	2	2	2
Contemporary groups		2	2	2	2	2	2	2	2		0	1	0	0	2	2	2	2	2	0	2	2	2	0	2
Baseline equivalence of groups		0	2	1	2	2	2	2	1		2	1	2	2	1	2	2	2	2	0	0	1	2	2	2
Adequate statistical analysis		2	2	2	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total MINORS score		**17**	**22**	**21**	**21**	**23**	**23**	**20**	**20**		**17**	**16**	**17**	**17**	**19**	**17**	**20**	**14**	**20**	**15**	**11**	**16**	**20**	**18**	**16**

Items are scored 0 (not reported/ not applicable), 1 (reported but inadequate) or 2 (reported and adequate). The overall score ranging from 0 to 24 for comparative studies

eTable 5. Functional Outcome Measures of Included Studies in a Meta-analysis of Distal Radius Fractures

Study	DASH ≤ 1 year[#]		PRWE ≤ 1 year[#]		VAS ≤ 1 year[#]		DASH > 1 year[#]		PRWE > 1 year[#]		VAS > 1 year[#]	
	OP	NON	OP	NON	OP	NON	OP	NON	OP	NON	OP	NON
RCTs												
Abbaszadegan et al. 1990	N/A		N/A		0	1	N/A		N/A		N/A	
Arora et al. 2011	5,7 (11,1)	8,0 (9,3)	12,8 (23,2)	14,6 (22,8)	0,1 (0,3)	0,1 (0,5)	N/A		N/A		N/A	
Azzopardi et al. 2005	N/A		N/A		0,7 (1,3)	1,2 (1,6)	N/A		N/A		N/A	
Bartl et al. 2014	14 (16,1)	19 (21,3)	N/A		N/A		N/A		N/A		N/A	
Martinez-Mendez et al. 2018	N/A		N/A		N/A		16 (14)	28 (21)	17 (13)	30 (25)	2 (2)	3 (2)
Mulders et al. 2019	2,5 (9,4)*	9,2 (10,8)*	4,0 (9,3)*	8,0 (11,9)*	N/A		N/A		N/A		N/A	
Sharma et al. 2014	4,9 (9,4)	14,0 (10,2)	N/A		N/A		N/A		N/A		N/A	
Sirniö et al. 2019	7,2	14,4	N/A		N/A		N/A		N/A		N/A	
Observational studies												
Aktekin et al. 2010	N/A		N/A		N/A		21,9 (21,7)	20,3 (13)	N/A		N/A	
Alm-Paulsen et al. 2012	N/A		N/A		N/A		13,5 (15)	10 (13)	11 (15)	8 (12)	5 (11)	2 (7)
Arora et al. 2009	N/A		N/A		N/A		11,1 (12,9)*	11,6 (13,4)*	9,3 (9,3)*	16,9 (12,1)*	1,7 (1,4)	0,7 (1,4)
Barai et al. 2018	N/A		N/A		N/A		12,1 (14,4)	6 (10,9)	N/A		N/A	
Chan et al. 2014	6,7 (1,9)	6,2 (1,9)	N/A		N/A		N/A		N/A		N/A	
Egol et al. 2010	10 (20,3)	12,1 (29,6)	N/A		1,2 (1,7)	1,5 (2,1)	N/A		N/A		N/A	
Gong et al. 2011	13,9 (8,8)	25,9 (14,0)	N/A		N/A		N/A		N/A		N/A	
Hung et al. 2015	N/A		N/A		N/A		4,5	13,6	N/A		N/A	
Jordan et al. 2016	N/A		N/A		N/A		26,6 (6,5)	27,1 (7,7)	N/A		N/A	
Larouche et al. 2016	10,9 (14,7)	11,0 (11,9)	12,3 (15,8)	10,9 (14,1)	N/A		N/A		N/A		N/A	
Leerdam et al. 2019	N/A		N/A		N/A		N/A		17 (22)	8 (15)	N/A	
Lutz et al. 2014	N/A		N/A		N/A		N/A		17 (23)	16 (18)	N/A	
Tan et al. 2012	9 (12)	28 (22)	N/A		N/A		7 (9)	25 (24)	N/A		N/A	
Toon et al. 2017	16,2 (17,4)	16,1 (17,7)	N/A		1,8 (1,6)	1,1 (1,1)	N/A		N/A		N/A	
Zengin et al. 2019	N/A		N/A		N/A		11,7 (8)	17,6 (14,2)	N/A		N/A	

OP|NON operative/nonoperative; n number; [#] mean (SD); N/A not available; * median

eTable 6. Clinical Outcome Measures of Included Studies in a Meta-analysis of Distal Radius Fractures								
Study	**Complication[$]**		**Grip strength (kg)[#]**		**Range wrist extension (°)[#]**		**Range wrist flexion (°)[#]**	
	OP	**NON**	**OP**	**NON**	**OP**	**NON**	**OP**	**NON**
RCTs								
Abbaszadegan et al. 1990	4 (17)	0	N/A		N/A		N/A	
Arora et al. 2011	13 (36)	5 (14)	22,2 (6,3)	18,8 (5,8)	59 (10)	61 (7)	55 (11)	57 (10)
Azzopardi et al. 2005	1 (4)	1 (4)	77 (21)*	72 (17)*	94 (11)*	95 (9)*	87 (12)*	82 (15)*
Bartl et al. 2014	8 (12)	10 (12)	N/A		7,5 (11,7)**	7,5 (10)**	8,2 (11,9)**	11,5 (12,8)**
Martinez-Mendez et al. 2018	2 (4)	1 (2)	73 (27)*	64 (33)*	57 (11)	54 (13)	54 (13)	60 (16)
Mulders et al. 2019	16 (33)	25 (57)	26 (1,9)^	20 (8,4)^	85 (7,4)^	80 (14,8)^	80 (11,9)^	70 (14,8)^
Sharma et al. 2014	8 (25)	29 (91)	89,0 (4,3)*	72,1 (4,4)*	84,3 (2,4)	69,0 (3,91)	83,8 (2,9)	65,9 (7,5)
Sirniö et al. 2019	3 (8)	5 (12)	27 (5)	26 (7)	69 (6)	68 (7)	71 (7)	64 (11)
Observational studies								
Aktekin et al. 2010	7 (32)	10 (42)	19	18	63	44	61	53
Alm-Paulsen et al. 2012	6 (20)	3 (10)	30 (12)	27 (10)	N/A		N/A	
Arora et al. 2009	7 (13)	5 (8)	19,4 (6)	21,1 (7)	57 (11,6)	59,8 (7,0)	44,6 (10,4)	49,6 (9,8)
Barai et al. 2018	1 (3)	7 (8)	N/A		N/A		N/A	
Chan et al. 2014	5 (13)	4 (11)	82 (19)*	77 (17)*	N/A		N/A	
Egol et al. 2010	7 (16)	4 (9)	17,7 (7,3)	12,7 (6,5)	54,8 (18,7)	54,6 (14,9)	47,8 (13,1)	51,8 (11,1)
Gong et al. 2011	1 (4)	0	N/A		N/A		N/A	
Hung et al. 2015	0	1 (3)	N/A		60^	60^	60^	60^
Jordan et al. 2016	N/A		N/A		N/A		N/A	
Larouche et al. 2016	14 (11)		N/A		N/A		N/A	
Leerdam et al. 2019	N/A		N/A		N/A		N/A	
Lutz et al. 2014	50 (39)	27 (21)	N/A		N/A		N/A	
Tan et al. 2012	7 (23)	20 (63)	83 (17)*	78 (24)*	N/A		N/A	
Toon et al. 2017	1 (3)	0	83,3 (14,1)*	81,3 (22,9)*	67,5 (13,7)	72,9 (13,2)	63,1 (10,2)	64,1 (13)
Zengin et al. 2019	N/A		67,7 (11,7)*	57,5 (19,6)*	N/A		N/A	

OP|NON operative/nonoperative; [$] number (%); [#] mean (SD); N/A not available; * percentage of unaffected side; ** difference between fractured side and unaffected side; ^ median

eTable 7. Clinical Outcome Measures of Included Studies in a Meta-analysis of Distal Radius Fractures

Study	Range wrist pronation (°)[#]		Range wrist supination (°)[#]		Radial deviation (°)[#]		Ulnar deviation (°)[#]	
	OP	NON	OP	NON	OP	NON	OP	NON
RCTs								
Abbaszadegan et al. 1990	N/A		N/A		N/A		N/A	
Arora et al. 2011	84 (7)	85 (8)	85(8)	85 (8)	24 (6)	25 (7)	35 (8)	35 (8)
Azzopardi et al. 2005	100 (2)*	97 (6)*	91 (19)*	95 (7)*	89 (15)*	80 (31)*	93 (12)*	76 (26)*
Bartl et al. 2014	2,8 (5,6)**	2,6 (9,4)**	2,5 (5,9)**	3,2 (8,3)**	3,9 (6,3)**	3,0 (5,7)**	4,4 (7,5)**	5,9 (8,0)**
Martinez-Mendez et al. 2018	84 (10)	71 (19)	85 (5)	72 (20)	N/A		N/A	
Mulders et al. 2019	90 (7,4^)	85 (11,1)^	85 (11,1)^	75 (11,1)^	15 (7,4)^	15 (3,7)^	25 (4,4)^	25 (7,4)^
Sharma et al. 2014	34,1 (2,6)	32,0 (2,9)	43,4 (3,5)	41,9 (3,9)	79,1 (3,7)	62,8 (6,6)	79,6 (3,0)	65,9 (5,4)
Sirniö et al. 2019	88 (5)	88 (6)	88 (5)	84 (10)	22 (6)	22 (5)	28 (5)	25 (6)
Observational studies								
Aktekin et al. 2010	62	60	51	53	13	14	18	11
Alm-Paulsen et al. 2012	N/A		N/A		N/A		N/A	
Arora et al. 2009	82,2 (8,9)	81,4 (8,6)	83,0 (9,9)	82,5 (6,8)	20,6 (8,6)	21,2 (8,4)	38,0 (9,4)	36,4 (9,2)
Barai et al. 2018	N/A		N/A		N/A		N/A	
Chan et al. 2014	N/A		N/A		N/A		N/A	
Egol et al. 2010	82,9 (6,8)	84,4 (3,8)	80,6 (8,1)	83,9 (3,0)	18,7 (7,9)	22,9 (13,4)	29,9 (8,8)	30,3 (7,1)
Gong et al. 2011	N/A		N/A		N/A		N/A	
Hung et al. 2015	85^	90^	90^	80^	N/A		N/A	
Jordan et al. 2016	N/A		N/A		N/A		N/A	
Larouche et al. 2016	N/A		N/A		N/A		N/A	
Leerdam et al. 2019	N/A		N/A		N/A		N/A	
Lutz et al. 2014	N/A		N/A		N/A		N/A	
Tan et al. 2012	N/A		N/A		N/A		N/A	
Toon et al. 2017	N/A		N/A		15,6 (7,3)	15,7 (5,2)	22,8 (8,0)	17,9 (6,0)
Zengin et al. 2019	N/A		N/A		N/A		N/A	

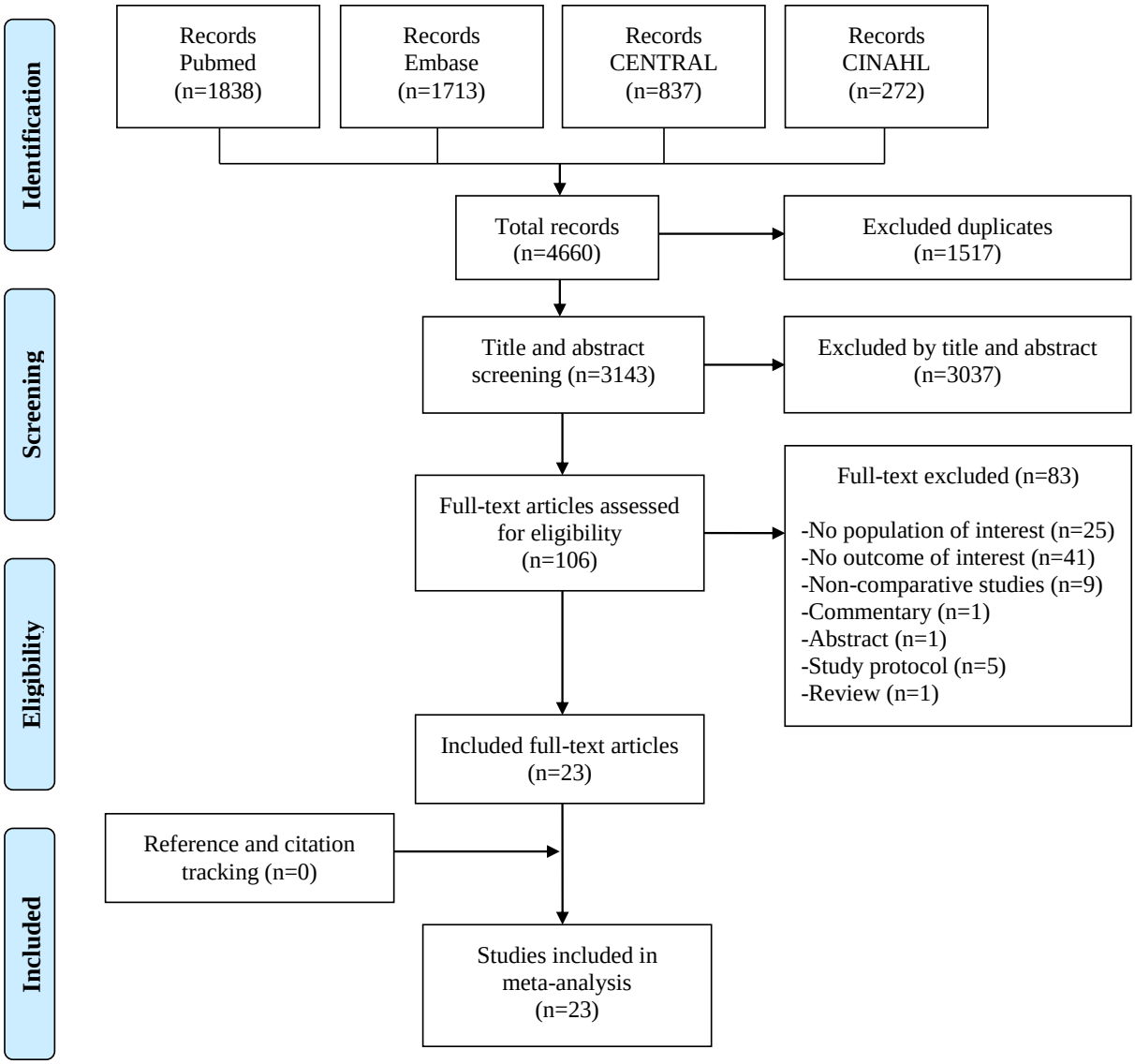
OP|NON operative/nonoperative; [$] number (%); [#] mean (SD); N/A not available; * percentage of unaffected side; ** difference between fractured side and unaffected side; ^ median

eTable 8. Radiologic Outcome Measures of Included Studies in a Meta-analysis of Distal Radius Fractures

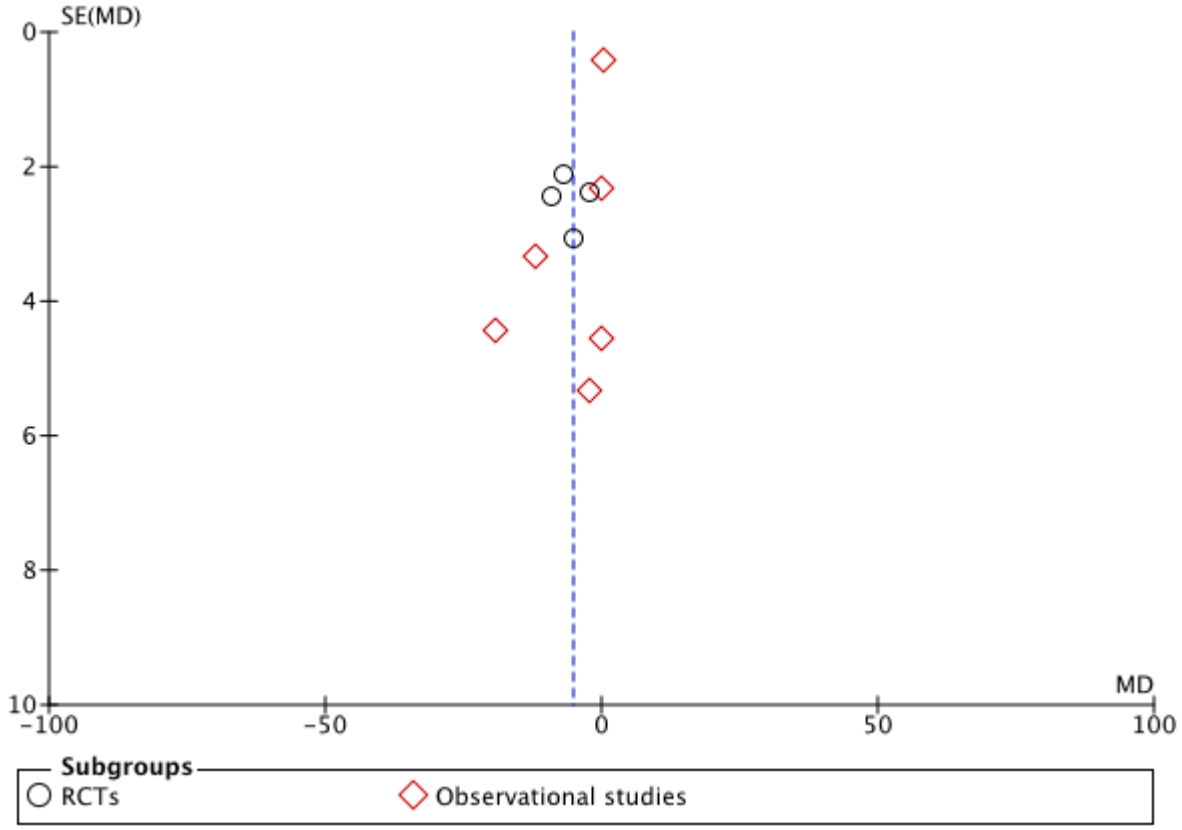
Study	Volar tilt (°)[#]		Radial inclination (°)[#]		Radial height (mm)[#]		Articular step-off (mm)[#]		Ulnar variance (mm)[#]	
	OP	NON	OP	NON	OP	NON	OP	NON	OP	NON
RCTs										
Abbaszadegan et al. 1990	N/A		N/A		N/A		N/A		N/A	
Arora et al. 2011	3,0 (7,2)	−10,4 (19,1)	21,2 (2,6)	15,9 (9,0)	N/A		0,2 (0,5)	0,6 (1,1)	0,7 (1,8)	3,2 (2,9)
Azzopardi et al. 2005	N/A		22,5 (5)	19 (6)	8 (3)	5 (4)	N/A		3 (2)	3 (2)
Bartl et al. 2014	N/A		20,3 (4,5)	17,7 (6,3)	N/A		N/A		N/A	
Martinez-Mendez et al. 2018	8 (8)	4 (8)	19 (6)	13 (6)	9 (2)	5 (3)	0,4 (1)	1 (3)	4 (3)	1 (2)
Mulders et al. 2019	N/A		N/A		N/A		N/A		N/A	
Sharma et al. 2014	8,3 (1,0)	5,1 (0,5)	17,8 (0,8)	15,2 (0,7)	8,2 (0,6)	6,1 (1,1)	N/A		−0,2 (0,2)	0,2 (0,0)
Sirniö et al. 2019	N/A		24 (4)	21 (8)	N/A		N/A		−0,7 (0,9)	−2,0 (1,7)
Observational studies										
Aktekin et al. 2010	11	8	18	20	10	8	N/A		0,27	0,5
Alm-Paulsen et al. 2012	N/A		21 (6)	19 (7)	7 (4)	6 (5)	N/A		3 (2)	3 (3)
Arora et al. 2009	N/A		23,6 (3,8)	19,2 (6,9)	N/A		N/A		1,5 (1,9)	3,8 (2,6)
Barai et al. 2018	N/A		N/A		N/A		N/A		N/A	
Chan et al. 2014	N/A		N/A		N/A		N/A		N/A	
Egol et al. 2010	6,2 (9,2)	−5,8 (10,4)	22,3 (4,7)	18,0 (4,0)	10,6 (2,5)	8,7 (1,6)	N/A		1,5 (2,2)	2,8 (1,8)
Gong et al. 2011	8,1 (1,5)	5,3 (3,4)	19,2 (2,2)	14,3 (5,6)	9,5 (1,3)	6,3 (3,2)	N/A		N/A	
Hung et al. 2015	9,6 (7,3)	−5,2 (15)	21,0 (4,6)	17,9 (5,0)	9,8 (2,4)	8,6 (2,6)	N/A		N/A	
Jordan et al. 2016	N/A		N/A		10,9 (2,6)	8,2 (2,2)	0,9 (0,5)	0,9 (0,6)	N/A	
Larouche et al. 2016	8,3 (7,9)	1,3 (12,3)	24,2 (5,2)	21,2 (6,0)	11,1 (3,4)	9,7 (3,4)	0,1 (0,4)	0,1 (0,4)	−0,8 (2,4)	−1,6 (2,8)
Leerdam et al. 2019	N/A		N/A		N/A		N/A		N/A	
Lutz et al. 2014	2 (9)	7 (13)	20 (5)	19 (6)	N/A		0,3 (0,7)	0,2 (0,6)	1,3 (2,1)	2,6 (2,2)
Tan et al. 2012	N/A		N/A		N/A		N/A		N/A	
Toon et al. 2017	5,6 (8,9)	0,1 (11,6)	21,6 (6,1)	16,9 (6,3)	9,6 (3,3)	7,2 (3,4)	0,7 (0,6)	1,5 (0,9)	N/A	
Zengin et al. 2019	N/A		21,5 (2,6)	16,6 (5,3)	10,4 (2,8)	7,8 (2,4)	0,6 (0,5)	1,4 (0,9)	1,7 (1,7)	2,1 (2,1)

OP|NON operative/nonoperative; n number; [#] mean (SD); N/A not available

eFigure 1. PRISMA Flow Diagram Representing the Search and Selection of Studies Comparing Operative vs Nonoperative Treatment of Distal Radius Fractures

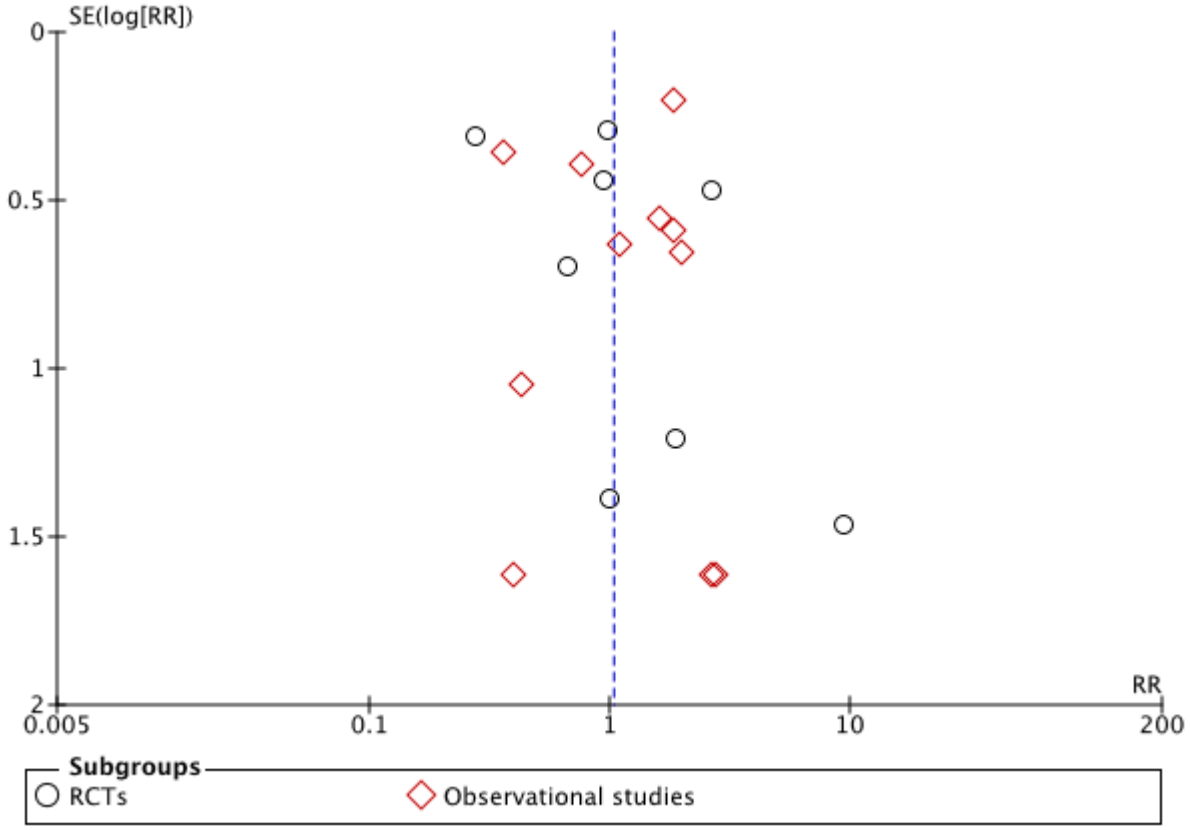


eFigure 2. Funnel Plot of Medium-Term (≤ 1 y) DASH Score in a Meta-analysis of Distal Radius Fractures (MD mean difference; SE standard error).

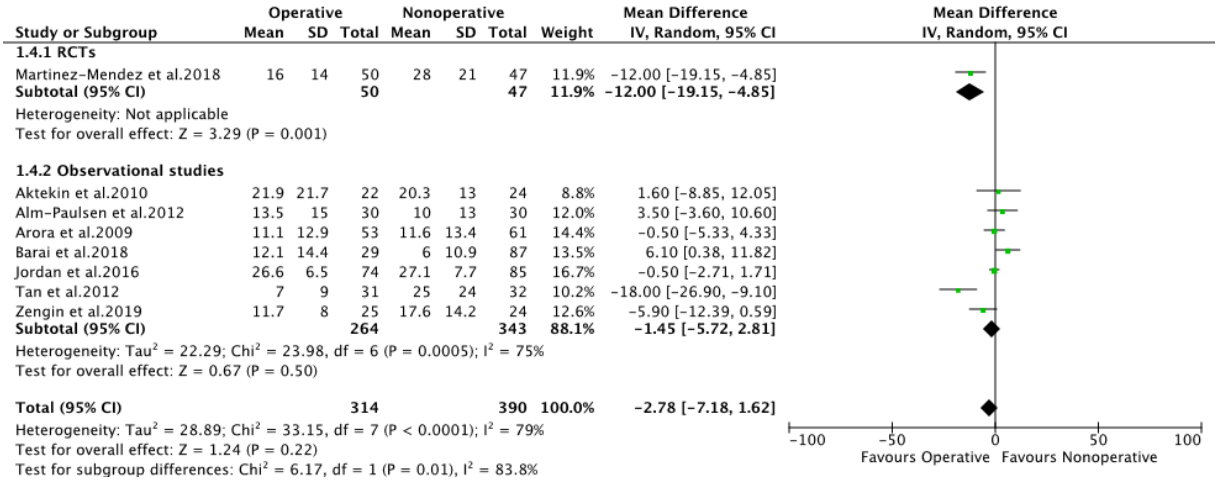


eFigure 3. Funnel Plot of Complication Rate in a Meta-analysis of Distal Radius Fractures

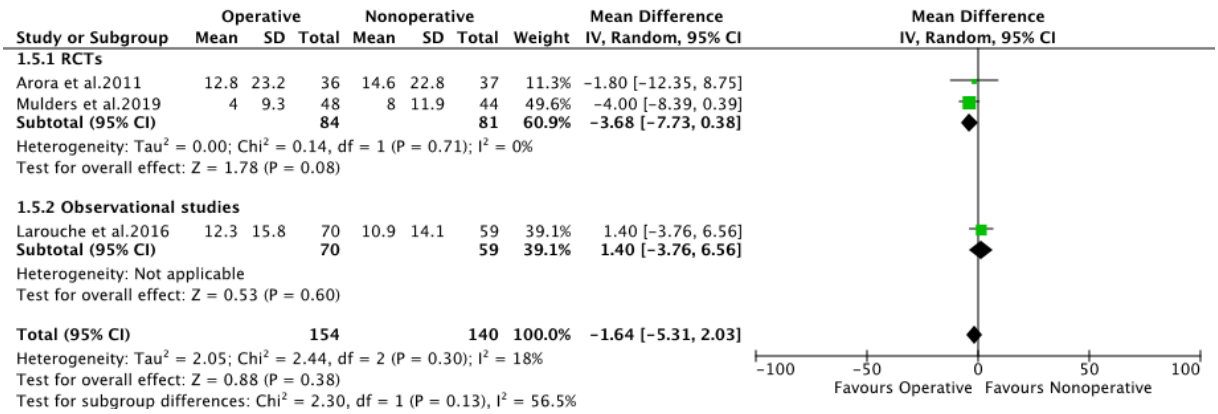
(RR risk ratio; SE standard error).



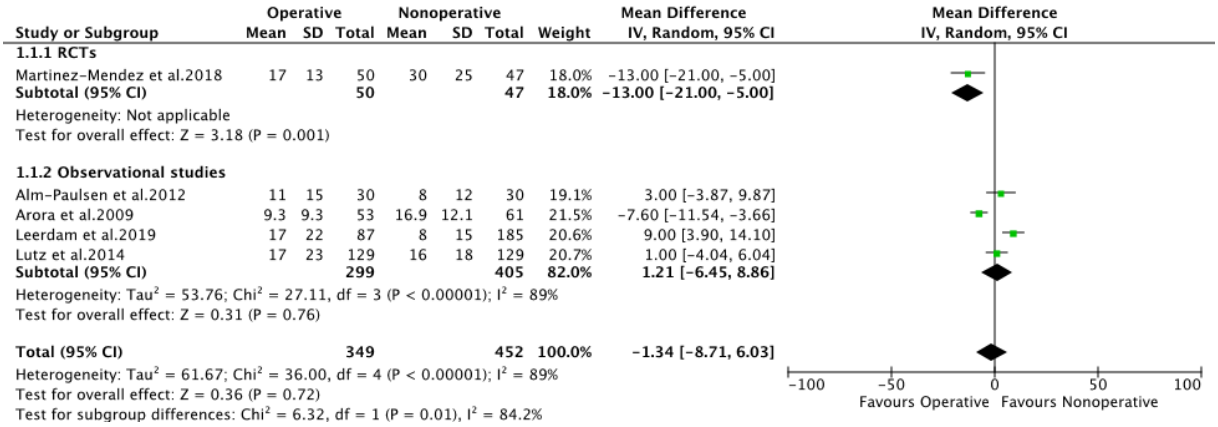
eFigure 4. Forest Plot of Long-Term (> 1 y) DASH Score in a Meta-analysis of Distal Radius Fractures



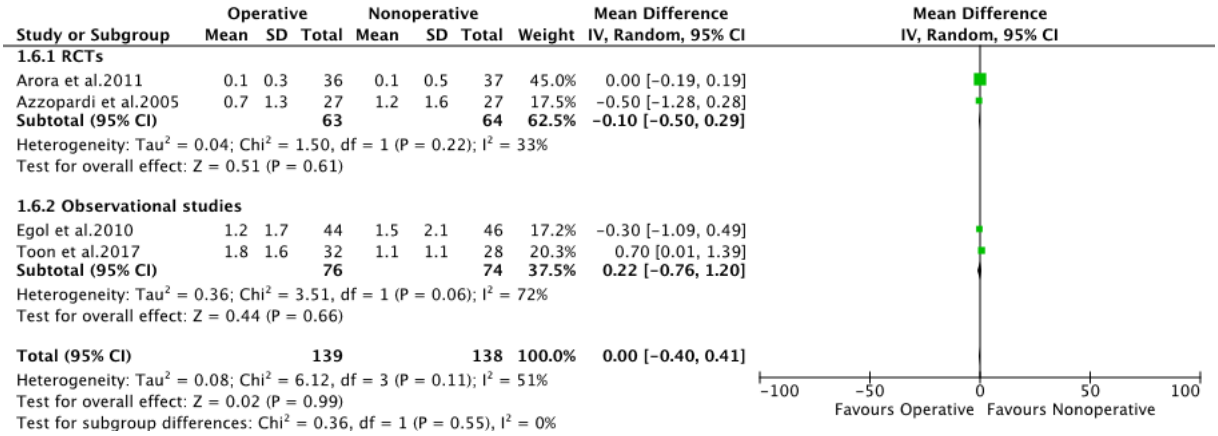
eFigure 5. Forest Plot of Medium-Term (≤ 1 y) PRWE Score in a Meta-analysis of Distal Radius Fractures



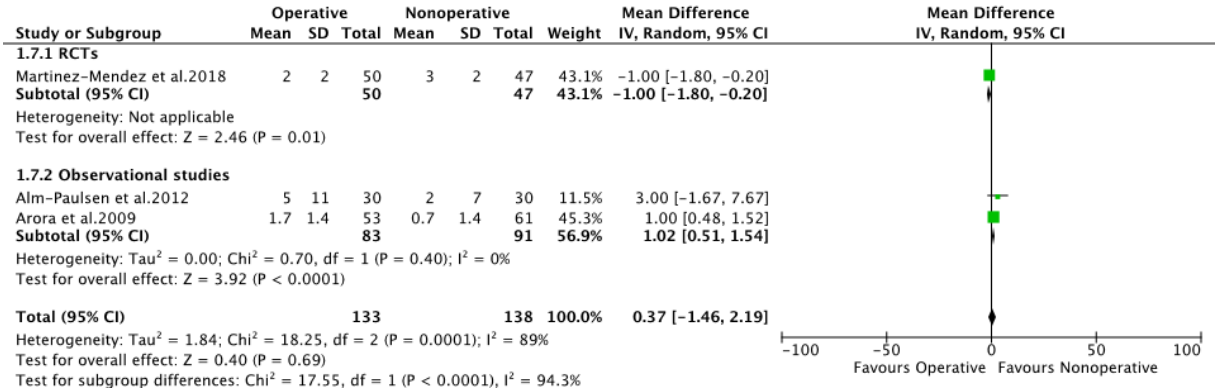
eFigure 6. Forest Plot of Long-Term (>1 y) PRWE Score in a Meta-analysis of Distal Radius Fractures



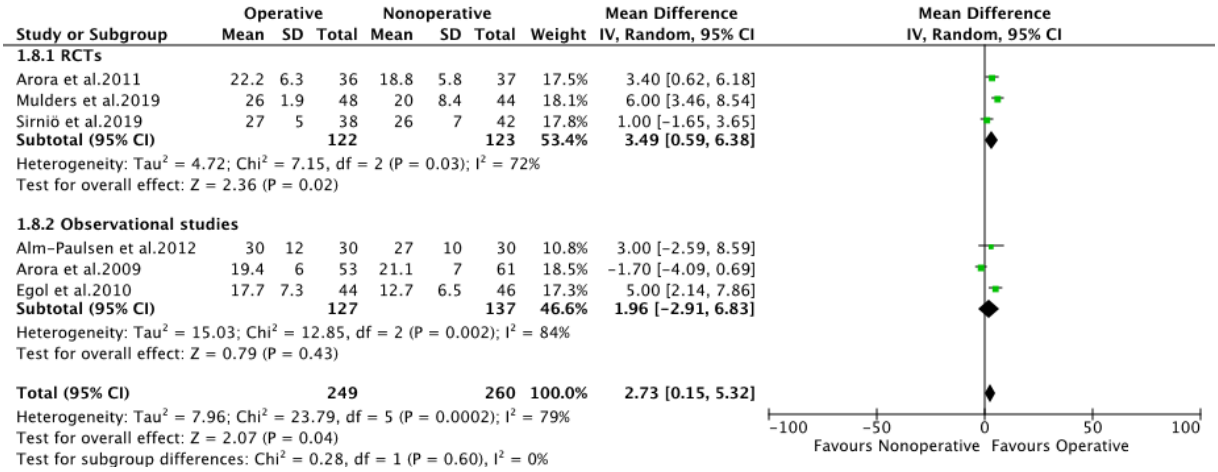
eFigure 7. Forest Plot of Medium-Term (≤1 y) VAS Score in a Meta-analysis of Distal Radius Fractures



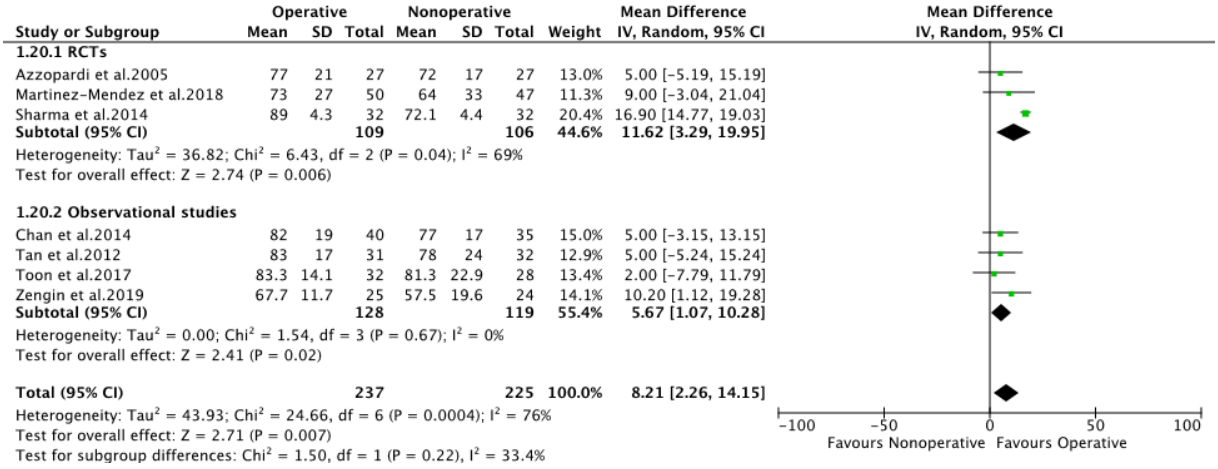
eFigure 8. Forest Plot of Long-Term (>1 y) VAS Score in a Meta-analysis of Distal Radius Fractures



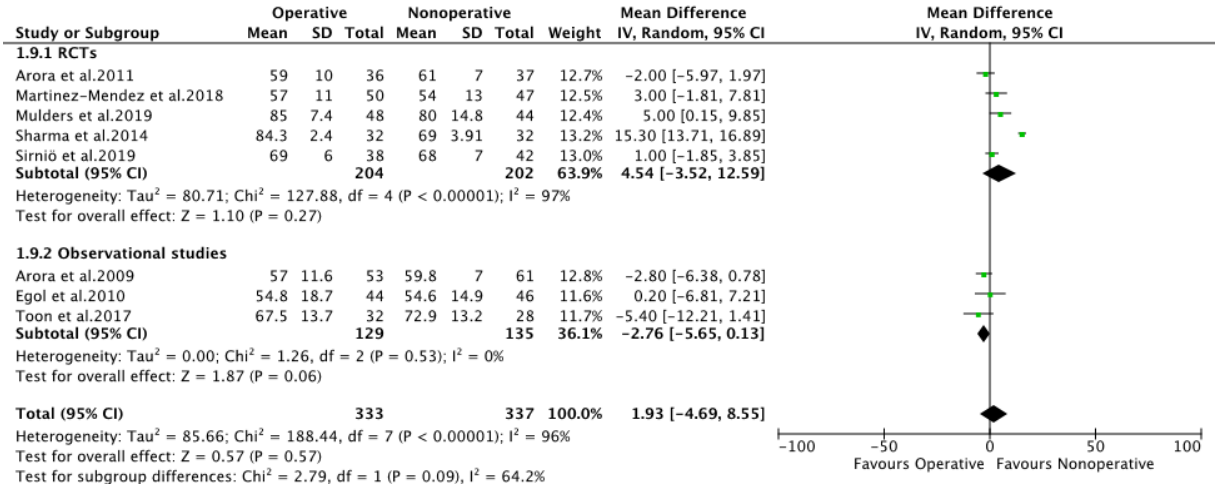
eFigure 9. Forest Plot of Grip Strength (in kg) in a Meta-analysis of Distal Radius Fractures



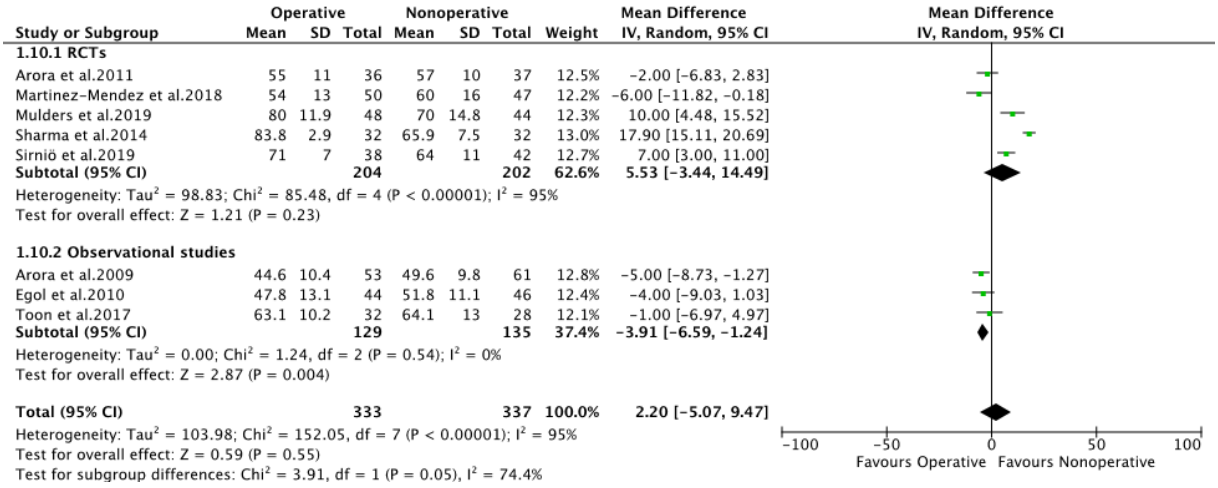
eFigure 10. Forest Plot of Grip Strength as Percentage of Unaffected Side in a Meta-analysis of Distal Radius Fractures



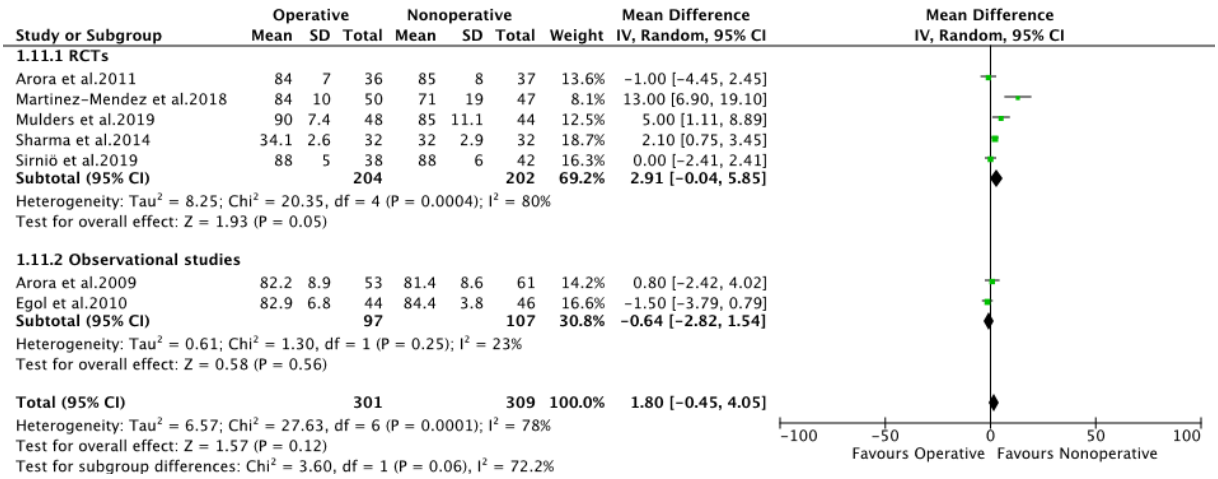
eFigure 11. Forest Plot of Range of Wrist Extension in Degrees in a Meta-analysis of Distal Radius Fractures



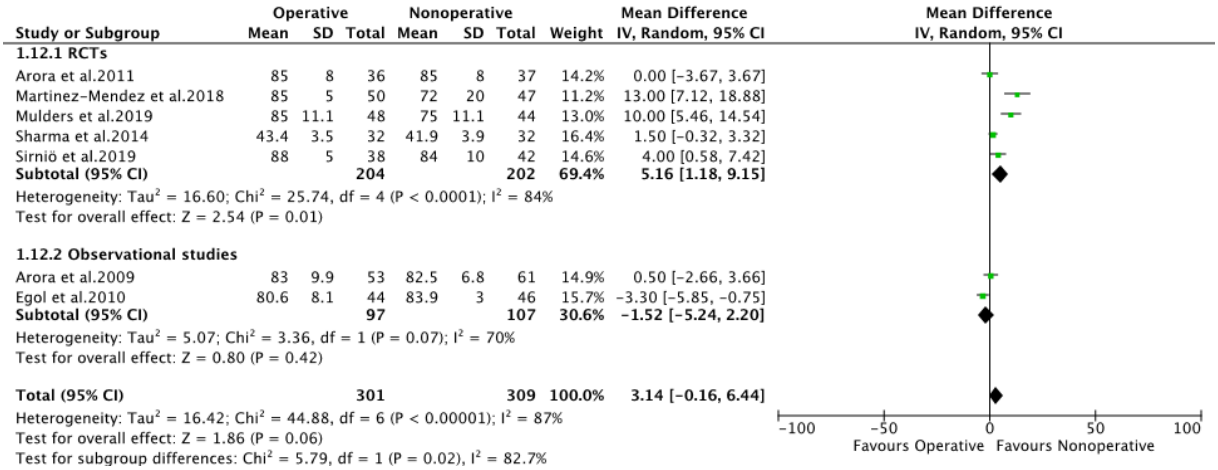
eFigure 12. Forest Plot of Range of Wrist Flexion in Degrees in a Meta-analysis of Distal Radius Fractures



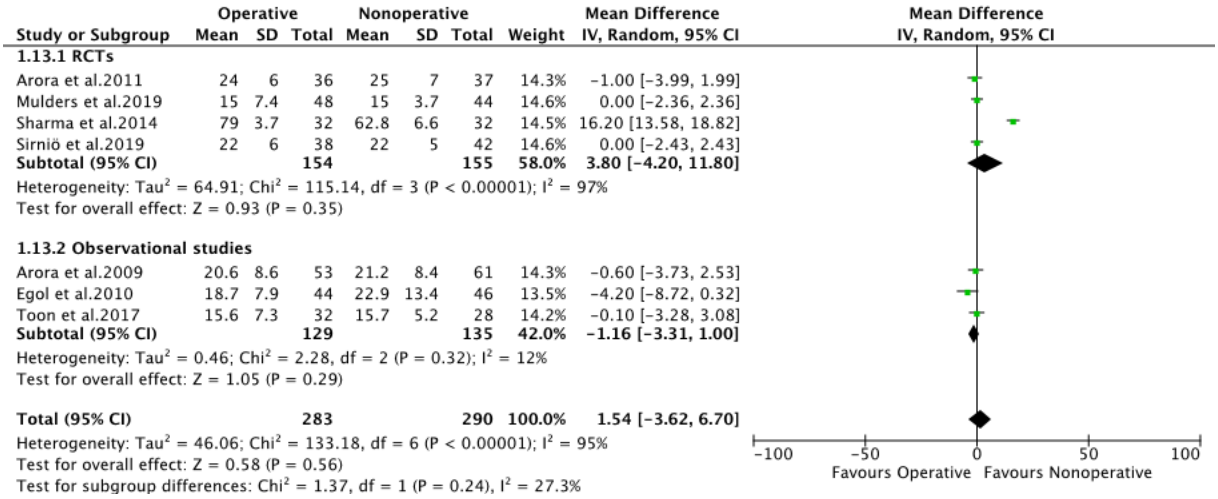
eFigure 13. Forest Plot of Range of Wrist Pronation in Degrees in a Meta-analysis of Distal Radius Fractures



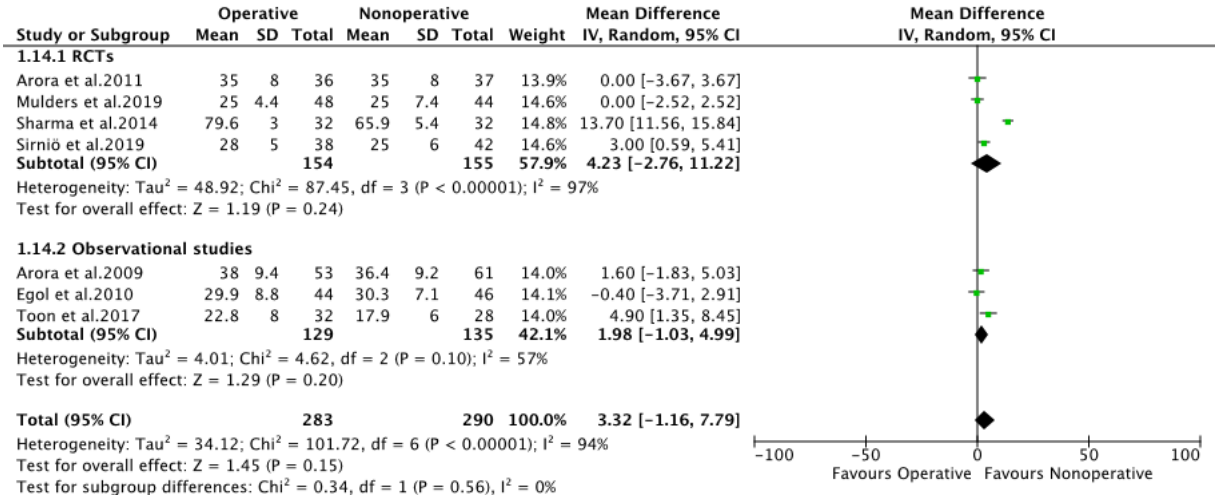
eFigure 14. Forest Plot of Range of Wrist Supination in Degrees in a Meta-analysis of Distal Radius Fractures



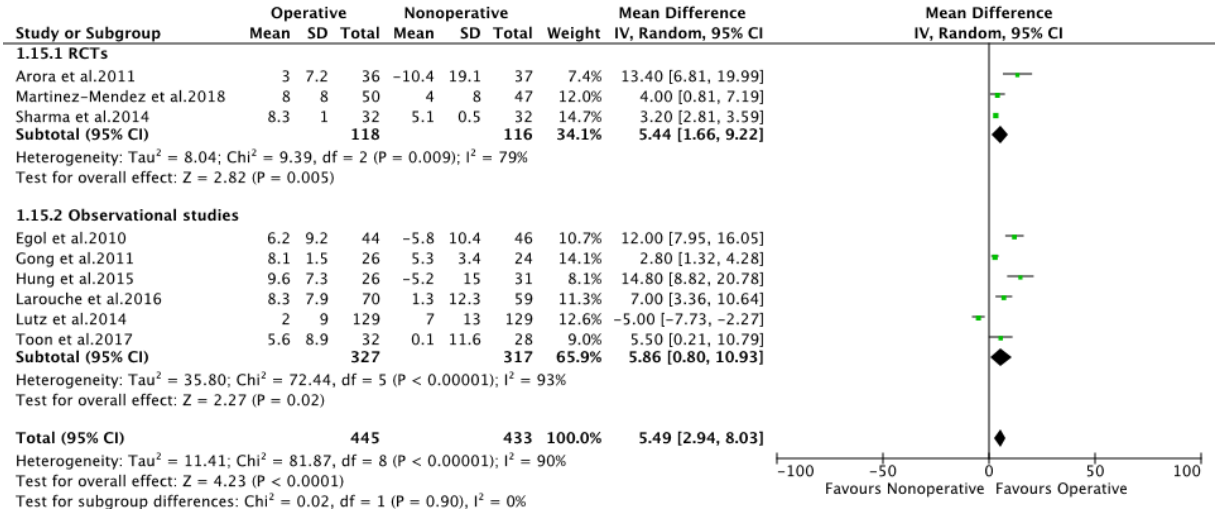
eFigure 15. Forest Plot of Radial Deviation in Degrees in a Meta-analysis of Distal Radius Fractures



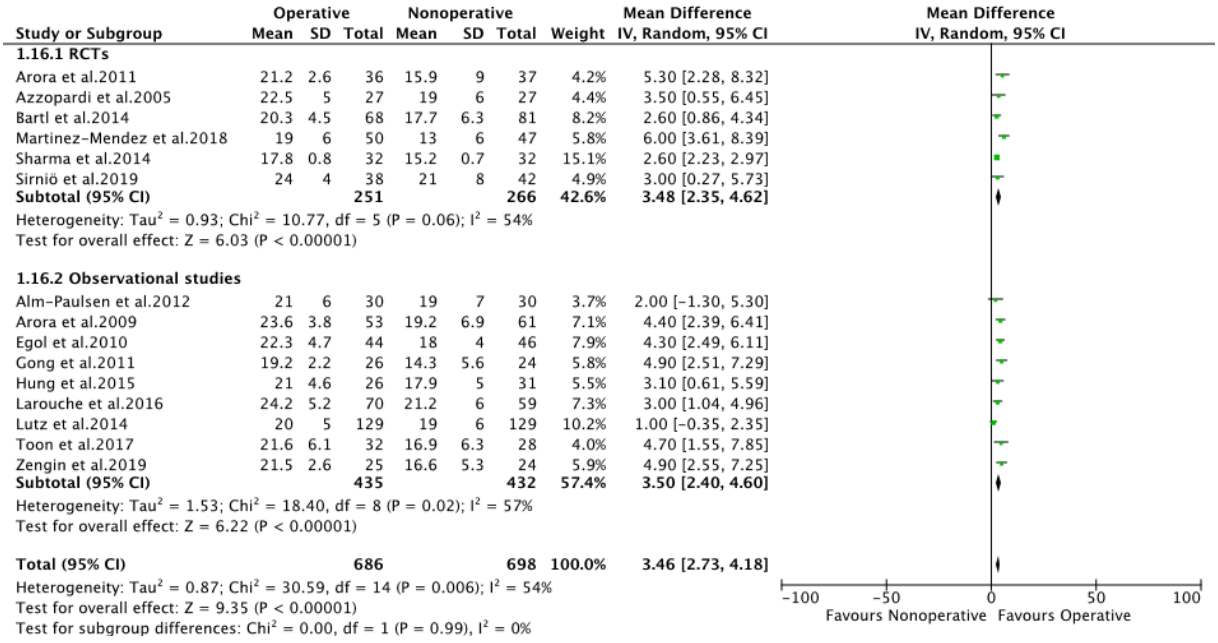
eFigure 16. Forest Plot of Ulnar Deviation in Degrees in a Meta-analysis of Distal Radius Fractures



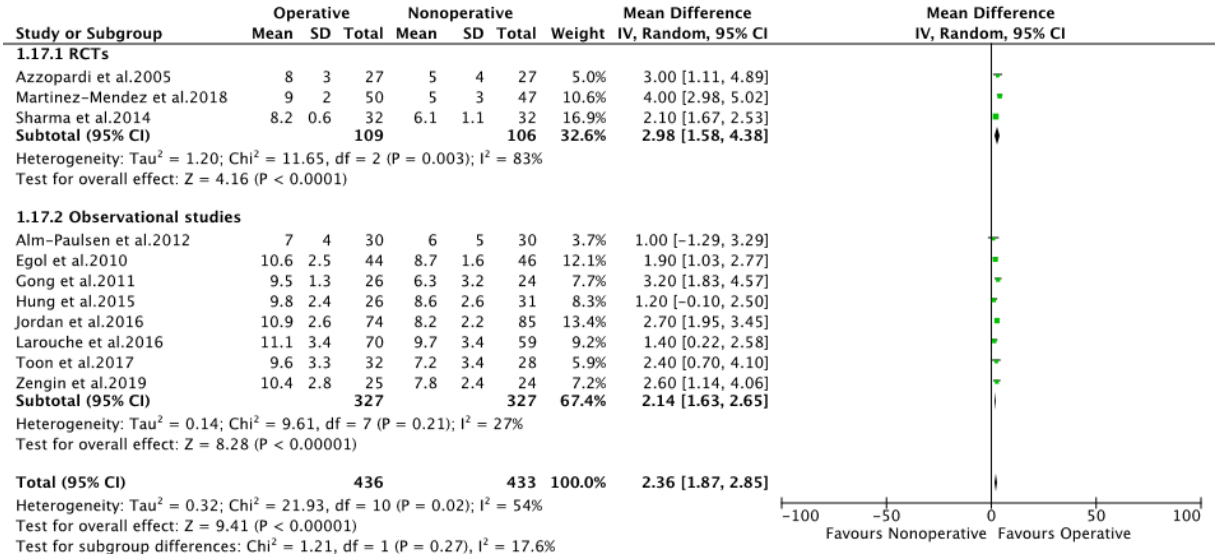
eFigure 17. Forest Plot of Volar Tilt in Degrees in a Meta-analysis of Distal Radius Fractures



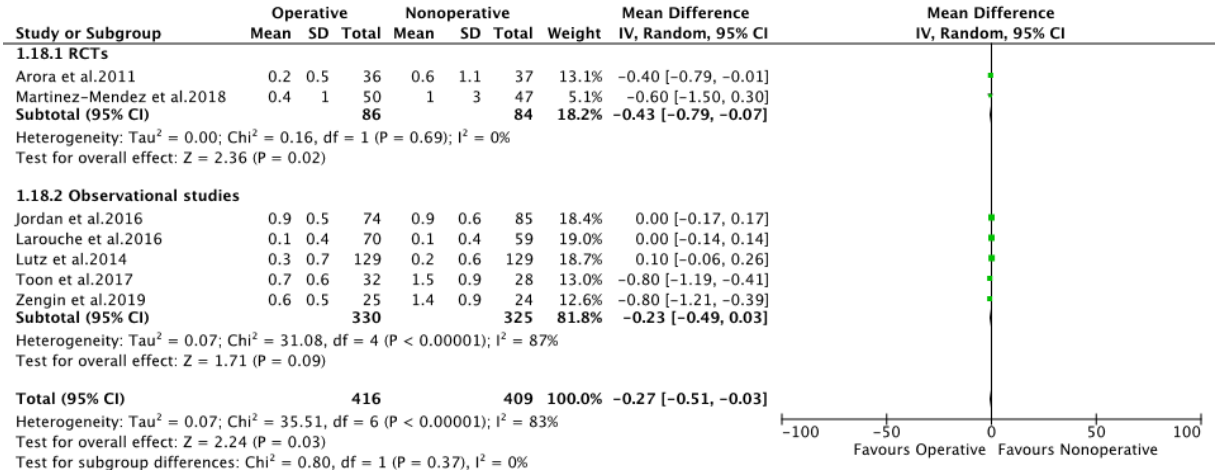
eFigure 18. Forest Plot of Radial Inclination in Degrees in a Meta-analysis of Distal Radius Fractures



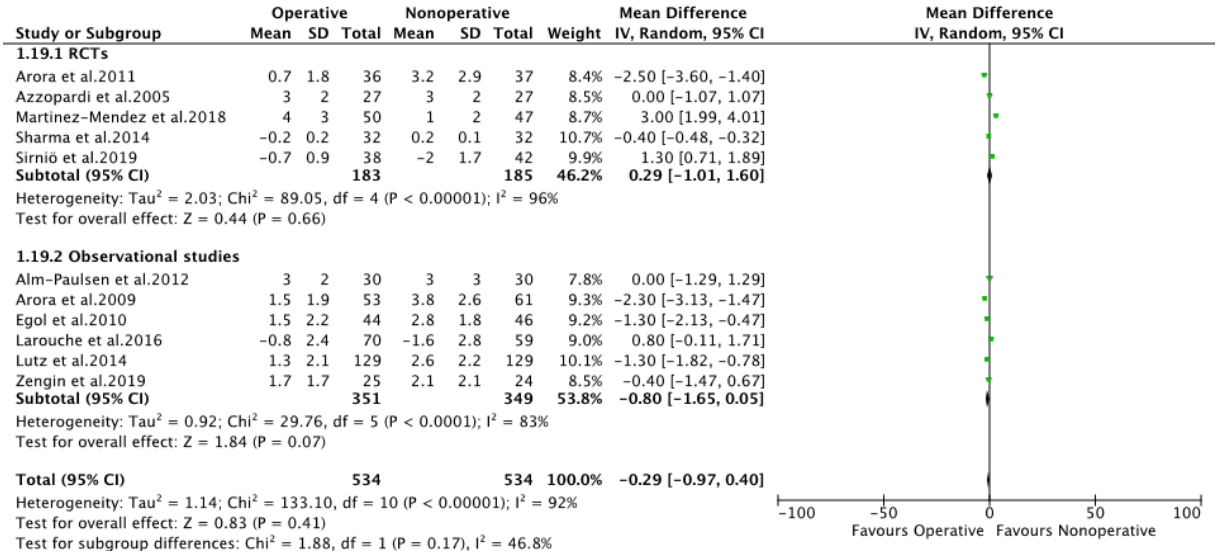
eFigure 19. Forest Plot of Radial Height in Millimeters in a Meta-analysis of Distal Radius Fractures



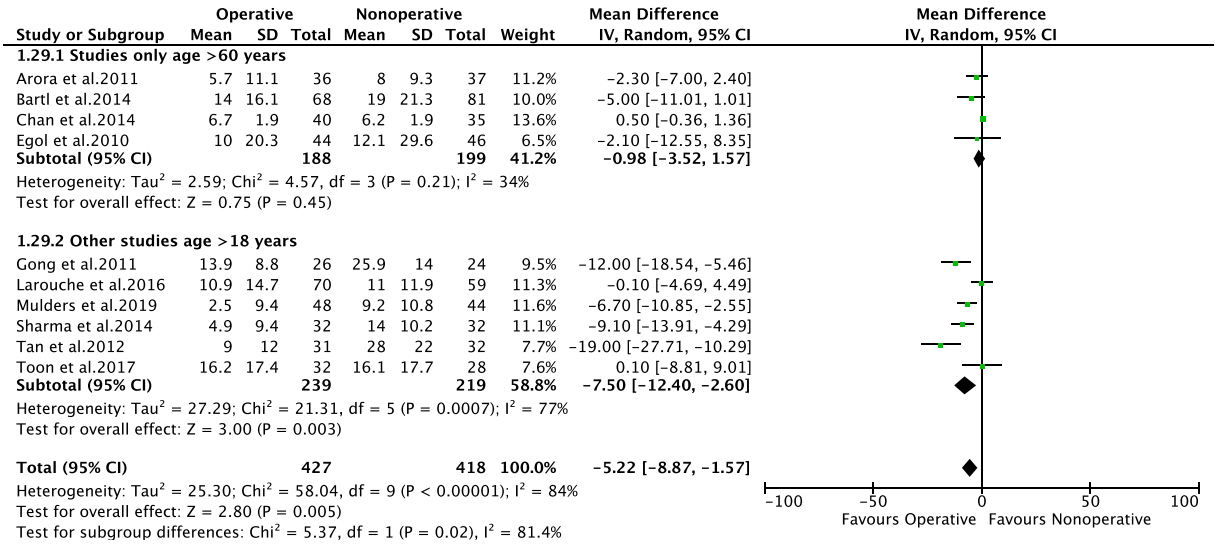
eFigure 20. Forest Plot Of Articular Step-off in Millimeters in a Meta-analysis of Distal Radius Fractures



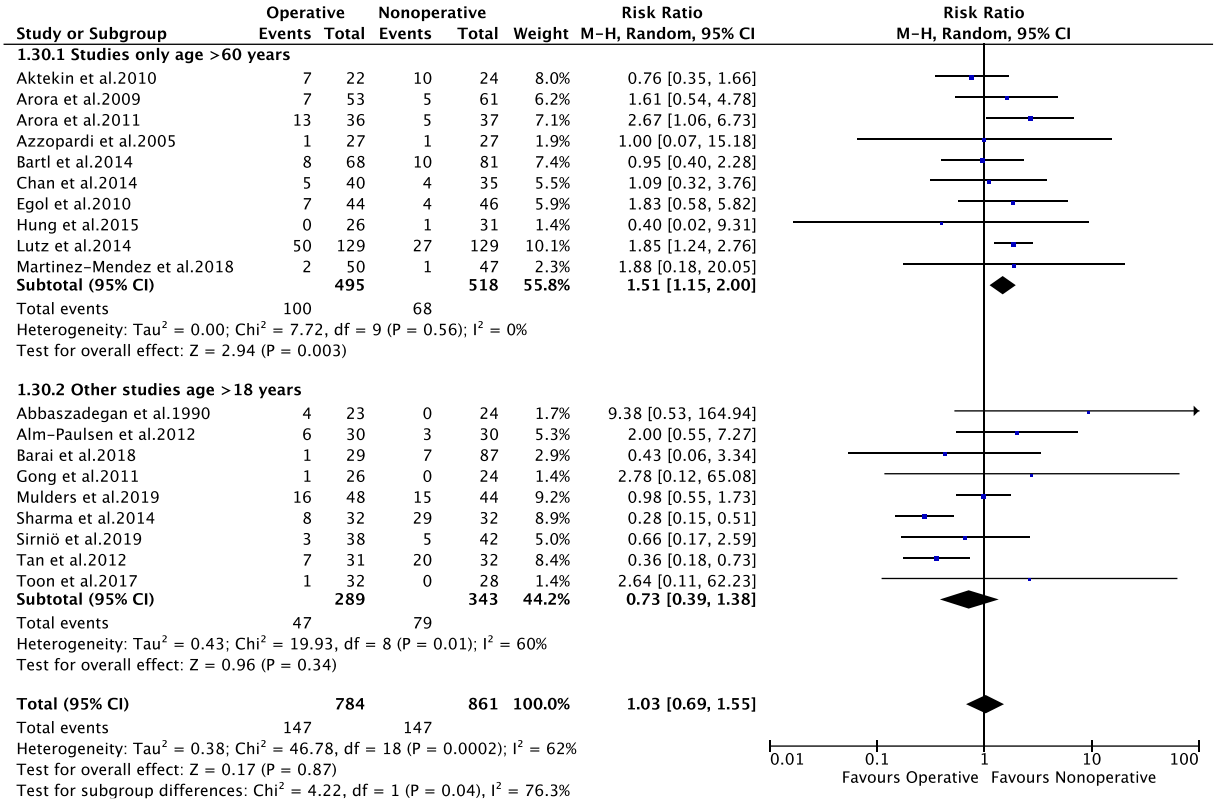
eFigure 21. Forest Plot of Ulnar Variance in Millimeters in a Meta-analysis of Distal Radius Fractures



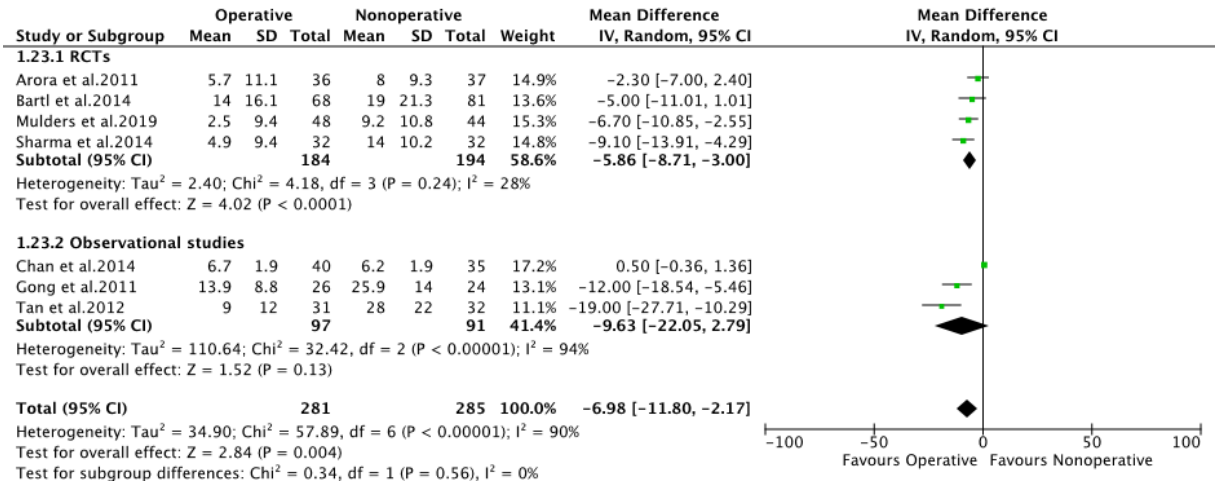
eFigure 22. Forest Plot of Medium-Term (≤1 y) DASH Score for Studies That Only Included Patients With Age >60 Years and Other Studies That Included Patients With Age ≥18 Years in a Meta-analysis of Distal Radius Fractures



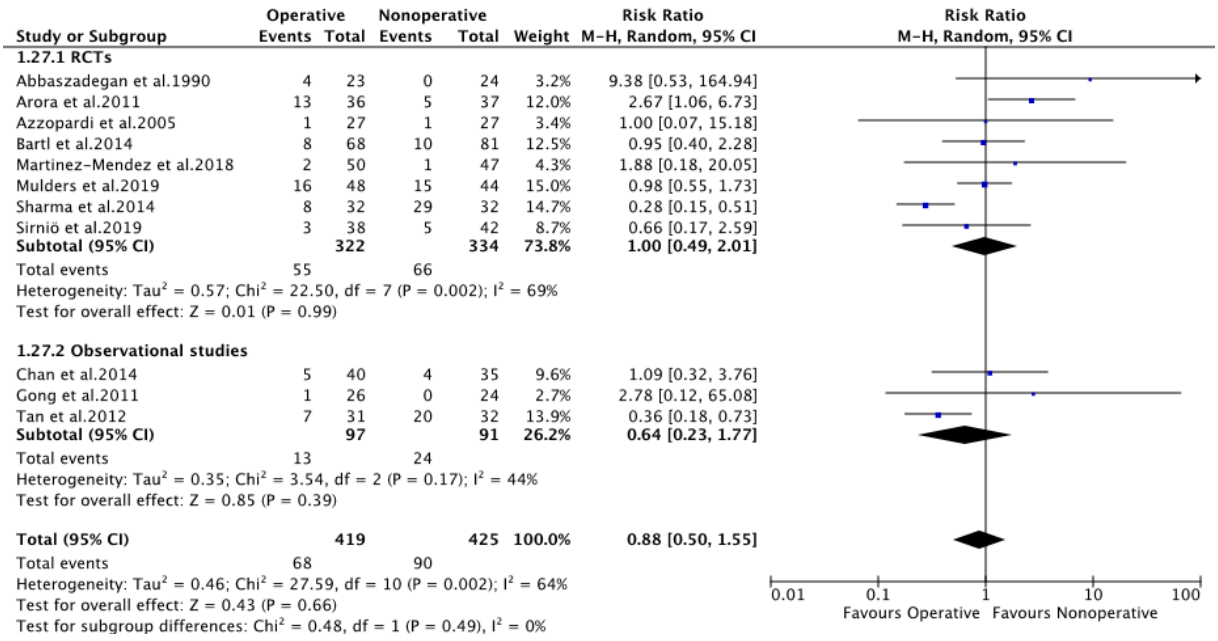
eFigure 23. Forest Plot of Complication Rate for Studies That Only Included Patients With Age >60 Years and Other Studies That Included Patients With Age ≥18 Years in a Meta-analysis of Distal Radius Fractures



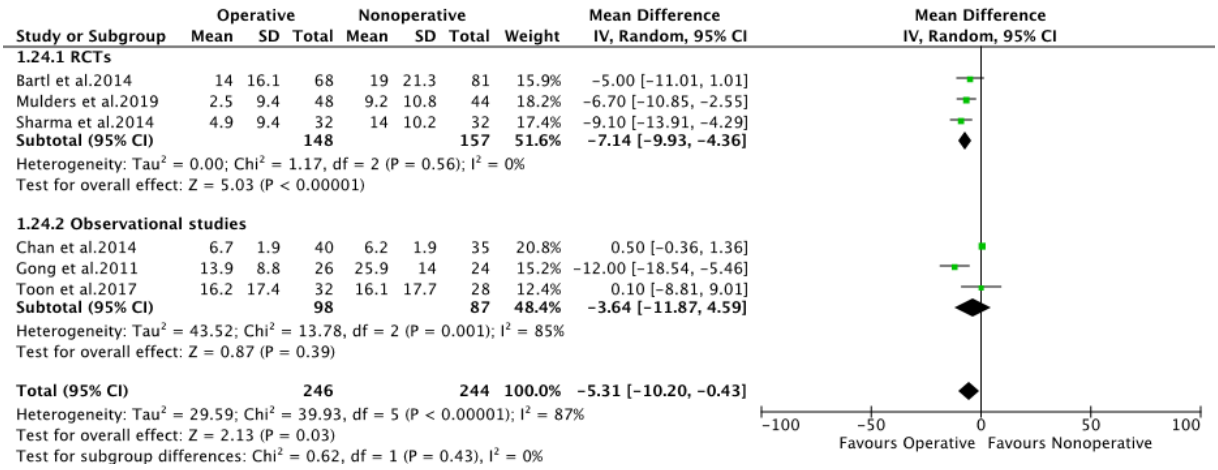
eFigure 24. Forest Plot of Medium-Term (≤1 y) DASH Score in High-Quality Studies in a Meta-analysis of Distal Radius Fractures



eFigure 25. Forest Plot of Complication Rate in High-Quality Studies in a Meta-analysis of Distal Radius Fractures



eFigure 26. Forest Plot of Medium-Term (≤1 y) DASH Score in Studies With a Study Period After 2008 in a Meta-analysis of Distal Radius Fractures



eFigure 27. Forest Plot of Complication Rate in Studies With a Study Period After 2008 in a Meta-analysis of Distal Radius Fractures