

Figure S1. Forest plot for nerve injury-associated complications after the exclusion of Calbiyik *et al* (14). IMF, intramedullary fixation; M-H, Mantel-Haentzel; df, degrees of freedom.

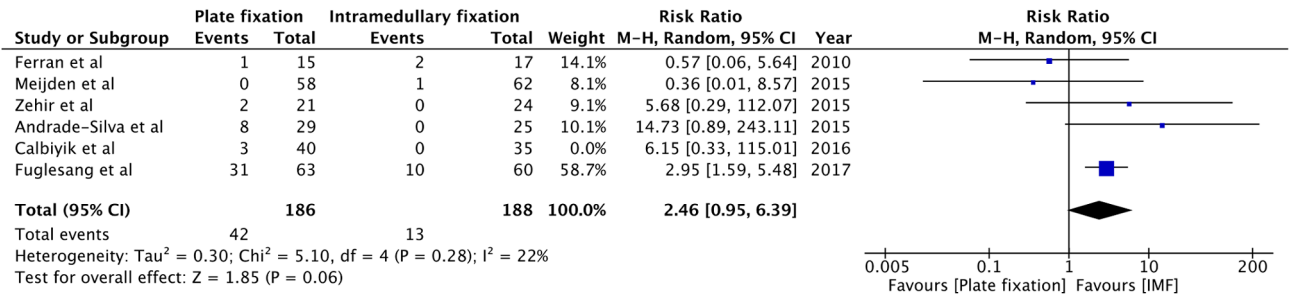


Figure S2. Forest plot for nerve injury-associated complications after the exclusion of Fuglesang *et al* (15). IMF, intramedullary fixation; M-H, Mantel-Haentzel; df, degrees of freedom.

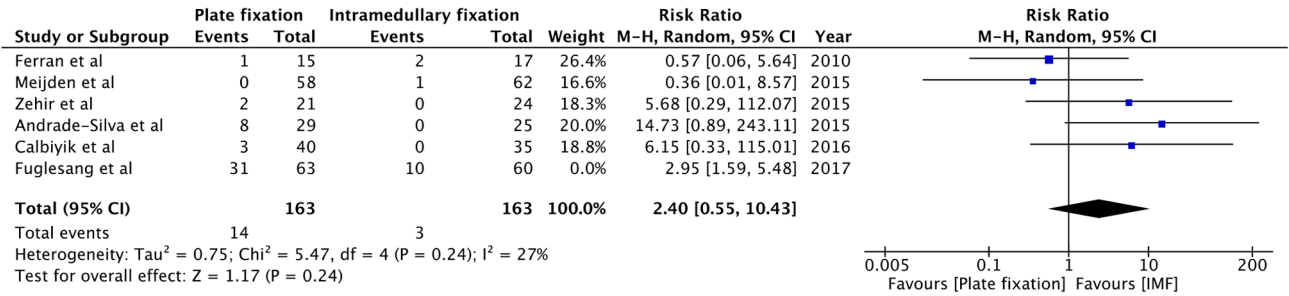


Table SI. Outcomes of shoulder function reported by included studies.

Author (year)	Tool	Scores		(Refs.)
		Plate fixation	Intramedullary fixation	
Ferran (2010)	Constant-Murley score	88.7±9.1	92.1±6	(34)
Assobhi (2011)	Constant-Murley score	89.9±11.3	95.5±5.3	(28)
Narsaria (2014)	Constant-Murley score	96.2±2.6	94.6±3.2	(29)
Andrade-Silva (2015)	Constant-Murley score	91.7±9.3	91.8±8.8	(35)
	DASH score	8.7±11.8	7.5±12.5	
Meijden (2015)	Constant-Murley score	99.2±3.04	91.3±11.8	(30)
	DASH score	2.4±4.56	3.9±8.65	
Zehir (2015)	DASH score	8.22±1.93	7.74±2.22	(31)
Calbiyik (2016)	Constant-Murley score	90.10±6.49	92.85±4.20	(14)
	DASH score	8.19±2.25	3.82±1.62	
Fuglesang (2017)	Constant-Murley score	NA	NA	(15)
	DASH score	NA	NA	
Kumar (2018)	Constant-Murley score	NA	NA	(32)
Sahu (2018)	Constant-Murley score	15.08±9.4	9.36±7.04	(33)
	DASH score	4.8±9	1.87±3.4	

DASH, Disabilities of the Arm, Shoulder and Hand questionnaire; NA, numerical data not available.