	Glue fixation			Suture fixation			Mean Difference		Mean Difference	
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI	
2.2.1 Fibrin glue										
Bracale 2014	0.26	0.85	50	0.83	1.46	52	15.3%	-0.57 [-1.03, -0.11]		
Campanelli 2012	0.971	1.604	150	1.308	1.683	157	16.7%	-0.34 [-0.70, 0.03]		
Subtotal (95% CI)			200			209	32.1%	-0.43 [-0.72, -0.14]	$\bullet$	
Heterogeneity: Tau <sup>2</sup> =	= 0.00; C	$hi^2 = 0$	.60, df	= 1 (P =	= 0.44);	$I^2 = 0\%$	6			
Test for overall effect	: Z = 2.9	1 (P =	0.004)							
2.2.2 Cyanoacrylate	glue									
Hoyuela 2017	0.5	1	188	1.1	1.4	182	18.3%	-0.60 [-0.85, -0.35]	- <b>-</b> -	
Moreno-Egea 2014	1.1	1.3	50	2.8	1.7	52	13.4%	-1.70 [-2.29, -1.11]		
Paajanen 2011	1	1.2	146	1	1.3	147	17.9%	0.00 [-0.29, 0.29]	_ <b>_</b>	
Ronka 2015	0.8	1.4	211	0.8	1.2	197	18.3%	0.00 [-0.25, 0.25]	_ <b>_</b>	
Subtotal (95% CI)			595			578	67.9%	-0.52 [-1.06, 0.02]		
Heterogeneity: Tau <sup>2</sup> =	= 0.27: C	$hi^{2} = 3$	7.13. d	f = 3 (P)	< 0.00	001); I <sup>2</sup>	= 92%			
Test for overall effect	Z = 1.8	8 (P =	0.06)							
Total (95% CI)			795			787	100.0%	-0.48 [-0.86, -0.11]		
Heterogeneity: Tau <sup>2</sup> =	= 0.19: C	$hi^2 = 3$	8.22. d	f = 5 (P)	< 0.00	001): I <sup>2</sup>	= 87%			
Test for overall effect: $Z = 2.51$ (P = 0.01)										
Test for subgroup dif				df = 1 (	P = 0.7	7) $1^2 =$	0%		Favours [Glue fixation] Favours [Suture fixation]	

Test for subgroup differences: Chi<sup>2</sup> = 0.08, df = 1 (P = 0.77), l<sup>2</sup> = 0% Supporting information: figure 2 Forest plot comparing mean VAS-score of glue-fixation and suture fixation at 1 month postoperatively.