## **APPENDIX**

		pen		Arth	rosco	pic		Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Kordasiewicz 2016	88	19	48	79	21	62	35.8%	9.00 [1.50, 16.50]	
Zhu 2016	97	3	44	95	5	46	64.2%	2.00 [0.30, 3.70]	-
Total (95% CI)			92			108	100.0%	4.51 [-2.07, 11.09]	
Heterogeneity: Tau2 =	16.81;	Chi <sup>2</sup>	= 3.15	9, df = 1	1 (P =	0.07);	$1^2 = 69\%$		-20 -10 0 10 20
Test for overall effect	Z = 1.3	34 (P	= 0.18	3)					Favors Arthroscopic Favors Open

Figure 1 - Forest plot of Rowe Score

	(	pen		Arth	rosco	pic		Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Cunningham 2015	51	27	36	55	31	28	9.0%	-4.00 [-18.48, 10.48]	
Kordasiewicz 2016	62	21	48	59	20	62	31.6%	3.00 [-4.75, 10.75]	-
Zhu 2016	54	11	44	50	16	46	59.4%	4.00 [-1.65, 9.65]	+-
Total (95% CI)			128			136	100.0%	2.96 [-1.39, 7.32]	
Heterogeneity: Tau2 =	0.00;	Chi <sup>2</sup> :	= 1.02,	df = 2	(P = (	0.60); 1	2 = 0%		1 20 10 20
Test for overall effect: Z = 1.33 (P = 0.18)									-20 -10 0 10 20 Favors Arthroscopic Favors Open

Figure 2 - Forest plot of External Range of Motion with the Elbow at the Side

	Ope	n	Arthros	copic		Risk Ratio		Risk	Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI		M-H, Fix	ed, 95% CI	
Cunningham 2015	0	36	1	28	19.4%	0.26 [0.01, 6.18]	_	-	_	
Kordasiewicz 2016	3	48	3	62	30.3%	1.29 [0.27, 6.12]		-	-	
Marion 2016	0	22	1	36	13.3%	0.54 [0.02, 12.61]	_	•	_	
Metais 2016	2	104	6	286	37.0%	0.92 [0.19, 4.47]				
Zhu 2016	0	44	0	46		Not estimable				
Total (95% CI)		254		458	100.0%	0.85 [0.32, 2.24]		-		
Total events	5		11							
Heterogeneity. Chi2 =	0.90, df	= 3 (P)	= 0.82); 1	$ ^2 = 0\%$				014	1 1	100
Test for overall effect	Z = 0.32	2 (P = 0	).75)				0.01	Favors Open	Favors Arthros	100' scopic

Figure 3 - Forest plot of Total Recurrent Instability

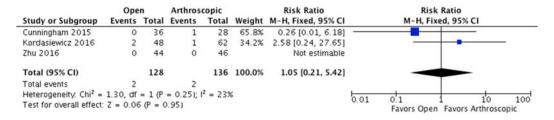


Figure 4 - Forest plot of Recurrent Dislocations

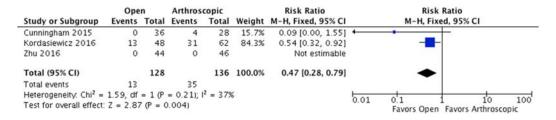


Figure 5 - Forest plot of Persistent Apprehension

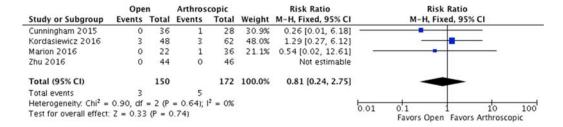


Figure 6 - Forest plot of Revisions due to Recurrent Instability

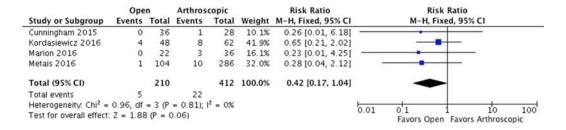


Figure 7 - Forest plot of Total Revisions

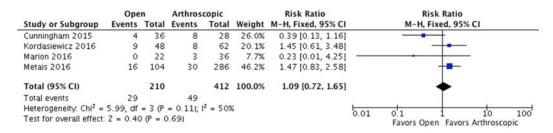


Figure 8 - Forest plot of Total Complications

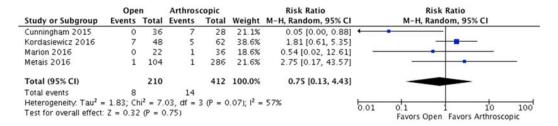


Figure 9 - Forest plot of Graft Complications

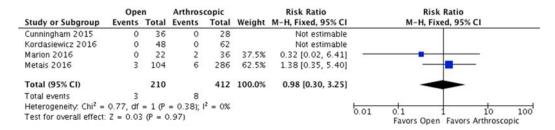


Figure 10 - Forest plot of Screw Complications

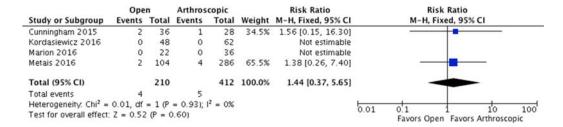


Figure 11 - Forest plot of Wound Infections

	Ope	n	Arthros	copic		Risk Ratio		Ris	k Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI		M-H, Fi	xed, 95% CI	
Cunningham 2015	0	36	0	28		Not estimable				
Kordasiewicz 2016	0	48	0	62		Not estimable				
Marion 2016	0	22	0	36		Not estimable				
Metais 2016	0	104	3	286	100.0%	0.39 [0.02, 7.50]	_			
Total (95% CI)		210		412	100.0%	0.39 [0.02, 7.50]	_	-		
Total events	0		3							
Heterogeneity. Not as	oplicable						h 01	011	1 10	100
Test for overall effect	Z = 0.62	2 (P = C	).53)				0.01	Favors Ope	n Favors Arthrosc	100' opic

Figure 12 - Forest plot of Neurological Complications

		pen		Arth	rosco	pic		Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Cunningham 2015	82	24	36	146	51	28	31.0%	-64.00 [-84.45, -43.55]	
Kordasiewicz 2016	120	33	48	110	35	62	33.8%	10.00 [-2.77, 22.77]	-
Marion 2016	62	13	22	77	14	36	35.2%	-15.00 [-22.10, -7.90]	-
Total (95% CI)			106			126	100.0%	-21.74 [-52.69, 9.20]	
Heterogeneity: Tau2 =	695.0	B; Ch	$i^2 = 36$	.60, df	= 2 (F	< 0.0	0001); 12	= 95%	-100 -50 0 50 100
Test for overall effect	Z = 1.3	88 (P	= 0.17	7)					'-100 -50 Ó 50 100 Favours Open Favours Arthroscopic

Figure 13 - Forest plot of Operation Time