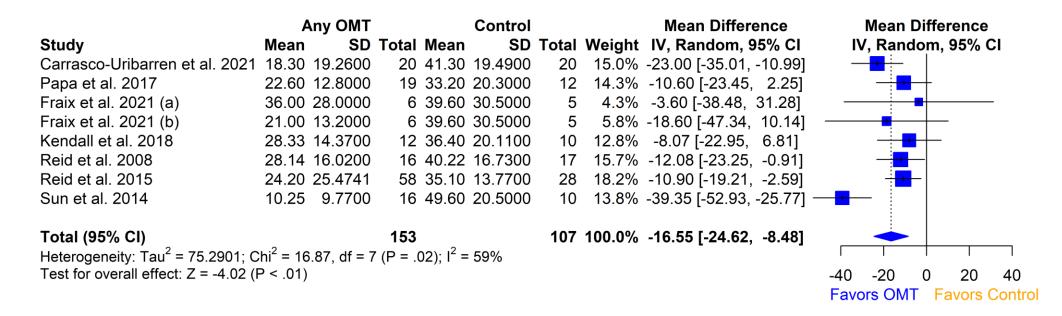
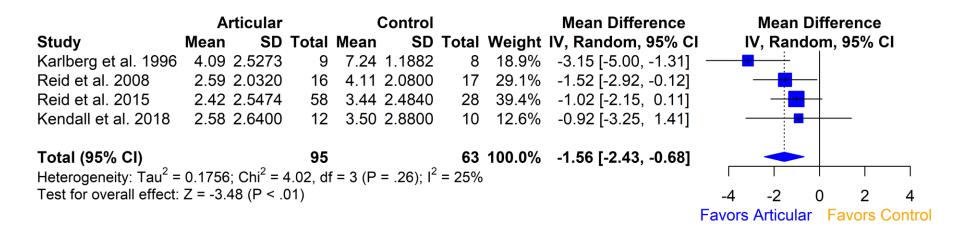


Supplementary Figure 1A.



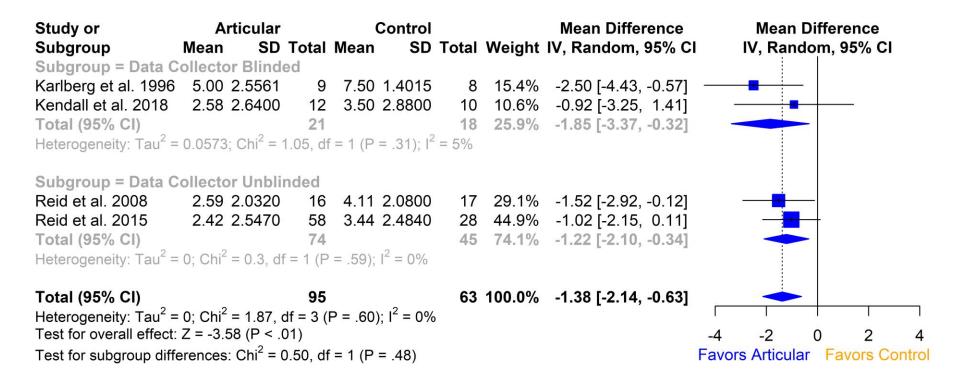
Supplementary Figure 1B.



Supplementary Figure 2A.

		OMT			Control			Mean Difference		Mean	Diffe	erence	
Study	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	ľ	V, Ran	dom	95% C	1
Karlberg et al. 1996	4.09	2.5273	9	7.24	1.1882	8	12.2%	-3.15 [-5.00, -1.31]	-	-			
Reid et al. 2008	2.59	2.0320	16	4.11	2.0800	17	20.3%	-1.52 [-2.92, -0.12]		-	_		
Reid et al. 2015	2.42	2.5474	58	3.44	2.4840	28	29.9%	-1.02 [-2.15, 0.11]					
Kendall et al. 2018	2.58	2.6400	12	3.50	2.8800	10	7.8%	-0.92 [-3.25, 1.41]	-	-			
Carrasco-Uribarren et al. 2021	1.28	1.5950	20	3.32	2.0340	20	29.7%	-2.04 [-3.17, -0.90]	(=		-		
Total (95% CI)			115			83	100.0%	-1.68 [-2.34, -1.01]					
Heterogeneity: $Tau^2 = 0.0504$; Ch	$i^2 = 4.6$	0. df = 4		3): $I^2 =$	13%					I		ĺ,	
Test for overall effect: Z = -4.96 (1	,,					-4	-2	0	2	4
									Fav	ors ON	1T F	avors C	Control

Supplementary Figure 2B.



Supplementary Figure 3.

	Articula	Control			Mean Difference	Mean Difference					
Study	Mean SI	Total M	lean SD	Total	Weight	IV, Random, 95% C	i r	V, Rand	lom,	95% C	
Karlberg et al. 1996	2.90 1.840	9 :	3.93 1.2043	8	8.2%	-1.04 [-2.50, 0.43]		•	_		
Reid et al. 2008	2.58 1.4400) 16	3.02 1.4800	17	17.8%	-0.44 [-1.44, 0.56]		-		- .	
Reid et al. 2015	1.95 1.091	5 58	2.60 1.0800	28	74.0%	-0.65 [-1.14, -0.16]		-			
Total (95% CI) 83 Heterogeneity: Tau ² = 0; Chi ² = 0.44, df = 2 (P = .80); I ² = 0%					100.0%	-0.64 [-1.06, -0.22]			_		
Test for overall effect:	Z = -3.00 (P <	.01)				-2	-1	0	1	2	
							Favors	Articula	r Fa	vors (Control

Supplementary Figure 4.

	Articular Control							Mean Difference						
Study	Mean S	D Total	Mean	SD	Total	Weight	IV, Random, 95%	CI	IV,	Ran	dom	, 95%	CI	
Reid et al. 2008	2.59 2.03	20 16	4.11	2.0800	17	34.4%	-1.52 [-2.92, -0.12	_	_	-	-			
Reid et al. 2015	2.42 2.54	'4 58	3.44	2.4840	28	53.1%	-1.02 [-2.15, 0.11				-			
Kendall et al. 2018	2.58 2.64	00 12	3.50	2.8800	10	12.5%	-0.92 [-3.25, 1.41	_		•	-			
Total (95% CI)	-	86				100.0%	-1.18 [-2.00, -0.36	l _			-			
Heterogeneity: Tau ²		%			J	J.	(s .	1	Ļ	Ļ	Ţ			
Test for overall effect: $Z = -2.81 (P < .01)$								-3	-2	-1	0	1	2	3
					Fav	ors A	rticula	ar F	avors	Cor	itrol			

Supplementary Figure 5.

	Articular			(Control			Mean Difference	Mean Difference			
Study	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% C	I IV, Random, 95% CI			
Reid et al. 2008	2.58	1.4400	16	3.02	1.4800	17	19.4%	-0.44 [-1.44, 0.56]	-			
Reid et al. 2015	1.95 <i>′</i>	1.0915	58	2.60	1.0800	28	80.6%	-0.65 [-1.14, -0.16]	- 			
Total (95% CI) Heterogeneity: Ta Test for overall ef				= 1 (P =	.71); I ² =		100.0%	-0.61 [-1.05, -0.17]	-1 -0.5 0 0.5 1 Favors Articular Favors Control			

Supplementary Figure 6.

	Articular		Control			Odds Ratio	Odds Ratio			
Study	Events	Total	Events	Total	Weight	MH, Random, 95% C	I MH, Random, 95% CI			
Reid et al. 2008	1	17	0	17	22.0%	3.18 [0.12, 83.76]				
Reid et al. 2015	6	56	1	28	50.0%	3.24 [0.37, 28.32]				
Kendall et al. 2018	1	13	1	11	28.0%	0.83 [0.05, 15.09]	-			
Total (95% CI) Heterogeneity: Tau ²	= 0; Chi ²	86 = 0.60,	df = 2 (P		100.0% 1 ² = 0%	2.21 [0.48, 10.22]				
Test for overall effect				,			0.1 0.51 2 10 Favors Articular Favors Control			

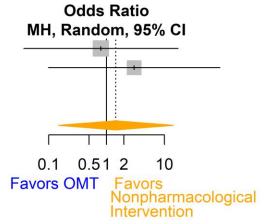
Supplementary Figure 7A.

	Any	OMT	C	ontrol		Odds Ratio	Odds Ratio
Study	Events	Total	Events	Total	Weight	MH, Random, 95% CI	MH, Random, 95% CI
Reid et al. 2008	1	17	0	17	12.1%	3.18 [0.12, 83.76]	
Sun et al. 2014	0	16	1	11	12.0%	0.21 [0.01, 5.71]	
Reid et al. 2015	6	56	1	28	18.4%	3.24 [0.37, 28.32]	 •
Papa et al. 2017	1	19	8	12	17.2%	0.03 [0.00, 0.29]	
Kendall et al. 2018	1	13	1	11	13.9%	0.83 [0.05, 15.09]	
Fraix et al. 2021 (a)	1	6	2	5	14.5%	0.30 [0.02, 4.91]	
Fraix et al. 2021 (b)	0	6	2	5	11.9%	0.11 [0.00, 2.93]	
Total (95% CI)		133		89	100.0%	0.40 [0.09, 1.71]	
Heterogeneity: Tau ² =	= 1.7326;	Chi ² =	11.13, df				
Test for overall effect				`	,,		0.01 0.1 1 10 100
							Favors OMT Favors Control

Supplementary Figure 7B.

		ОМТ	Nonpha	Odds Ratio			
Study	Events				Weight	MH, Random, 95% CI	
DiFrancisco-Donoghue et al. 2016	1	6	1	5	55.3%	0.80 [0.04, 17.20]	
Fraix et al. 2021 (a)	1	6	0	5	44.7%	3.00 [0.10, 90.96]	
Fraix et al. 2021 (b)	0	6	0	5	0.0%		
Total (95% CI)		18		15	100.0%	1.44 [0.15, 14.14]	
Heterogeneity: $Tau^2 = 0$; $Chi^2 = 0.32$,	df = 1 (P	= .57);	$I^2 = 0\%$				

Test for overall effect: Z = 0.32 (P = .75)



Supplementary Figure 7C.