Supplementary File 5: Comparison of the incidence of Popeye's deformity between long head of biceps tendon tenotomy and tenodesis.

	Tenotomy Tenodesis								Risk Ratio		Weight
Study	Yes	No	Yes	No					with 95%	5 CI	(%)
MacDonald, 2020	17	40	5	49					3.22 [1.28,	8.12]	17.41
Belay, 2019	5	15	1	13		-			3.50 [0.46,	26.80]	3.68
Hufeland et al., 2019	3	8	3	6		—			0.82 [0.22,	3.11]	8.48
Mardani-Kivi, 2018	7	22	1	32			-		7.97 [1.04,	60.96]	3.68
Castricini et al., 2017	18	13	5	19			-		2.79 [1.21,	6.43]	21.21
Oh et al., 2016	10	17	8	23	-				1.44 [0.66,	3.11]	24.60
Lee et al., 2016	11	45	4	68					3.54 [1.19,	10.51]	12.65
Zhang et al., 2013	7	70	2	72	-				3.36 [0.72,	15.67]	6.41
De Carli., 2012	5	25	0	35	-		-		12.77 [0.74,	221.93]	1.88
Overall									2.46 [1.66,	3.64]	
Heterogeneity: $\tau^2 = 0.01$, $I^2 = 1.77\%$, $H^2 = 1.02$											
Test of $\theta_i = \theta_i$: Q(8) = 8.14, p = 0.42											
Test of θ = 0: z = 4.51, p = 0.00											
					1/4 1	.00	16	128			
Random-effects DerSimonian-Laird model											