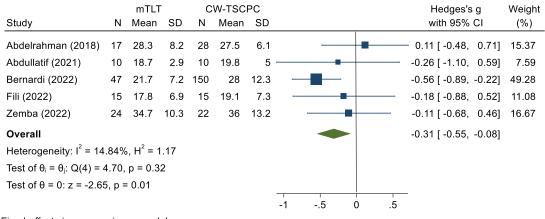
Supplement

Figure 1. Meta-analysis of mTLT comparing to CW-TSCPC in baseline IOP. A total of 113 patients treated with mTLT and 225 patients treated with CW-TSCPC was included. The baseline IOP in CW-TSCPC group was higher than that in mTLT group (WMD=-0.31, 95% CI -0.55 to -0.08).



Fixed-effects inverse-variance model

Figure 2. Meta-analysis of post- and pre-operative NOAM in mTLT at various visits. A total of 103 patients treated with mTLT was included. The IOP significantly reduced at 1-2 weeks, 3, and 6 months (WMD=-0.35, 95% CI -0.66 to -0.04; WMD=-0.51, 95% CI -0.91 to -0.11; WMD=-0.59, 95% CI -0.77 to -0.22, respectively) after mTLT treatment.

	Postop	erative l	MAON	Preope	erative N	IOAM	Hedges's g		y Weig
Study	N	Mean	SD	N	Mean	SD		with 95% C	I (%
1 month									
Abdelrahman(2018)	17	1.7	.8	17	2.5	.6		-1.10 [-1.81, -(0.40] 3.59
Bernardi(2022)	47	2.6	1.3	47	2.8	1.4		-0.15 [-0.55, (0.25] 9.32
Fili(2022)	15	1.8	1.36	15	2.7	.9		-0.76 [-1.48, -(0.04] 3.45
Zemba(2022)	24	2.3	1.2	24	2.6	1		-0.27 [-0.83,	0.29] 5.44
Heterogeneity: T ² = 0.1	10, I ² =	53.90%	$H^{2} = 2$.17				-0.50 [-0.92, -(0.07]
Test of $\theta_i = \theta_j$: Q(3) = 6	6.51, p =	0.09							
1-2 week									
Abdelrahman(2018)	17	2.2	.9	17	2.5	.6		-0.38 [-1.05,	0.28] 4.03
Bernardi(2022)	47	2.5	1.3	47	2.8	1.4		-0.22 [-0.62,	0.18] 9.29
Fili(2022)	15	1.9	1.2	15	2.7	.9		-0.73 [-1.45, -(
Heterogeneity: $T^2 = 0.0$	00, I ² =	0.00%, I	$+^{2} = 1.0$	00			•	-0.35 [-0.66, -(0.04]
Test of $\theta_i = \theta_j$: Q(2) = 1	1.50, p =	0.47							
12 months									
Bernardi(2022)	47	2.6	1.2	47	2.8	1.4		-0.15 [-0.55, (0.25] 9.32
Fili(2022)	15	1.47	1.38	15	2.7	.9		-1.03 [-1.77, -(-
Zemba(2022)	24	2.1	1.3	24	2.6	1		-0.42 [-0.99, (-
Heterogeneity: $T^2 = 0.0$	$09.1^2 =$	52.04%		08				-0.45 [-0.91, (-
Test of $\theta_i = \theta_j$: Q(2) = 4	,]
3 months									
Abdelrahman(2018)	16	2	1	17	2.5	.6		-0.60 [-1.28, (0.09] 3.84
Bernardi(2022)	47	2.7	1.2	47	2.8	1.4		-0.08 [-0.48, (•
Fili(2022)	15	1.73	1.3	15	2.7	.9		-0.84 [-1.57, -(
Zemba(2022)	24	1.7	1.3	24	2.6	1		-0.76 [-1.34, -(
Heterogeneity: $T^2 = 0.0$					2.0			-0.51 [-0.91, -	
Test of $\theta_i = \theta_j$: Q(3) = 5				.01				-0.01[-0.01, -	5.11]
6 months									
6 months	45	2.2	0	47	25	0	_	0.001.0.04	0 401 0 0
Abdelrahman(2018)	15	2.3	.9	17	2.5	.6		-0.26 [-0.94, (-
Bernardi(2022)	47	2.2	1.3	47	2.8	1.4		-0.44 [-0.85, -0	
Fili(2022)	15	1.73	1.38	15	2.7	.9		-0.81 [-1.54, -0	-
Zemba(2022)	24	1.9	1.3	24	2.6	1		-0.59 [-1.16, -(
Heterogeneity: $\tau^2 = 0.0$,	,	H [*] = 1.0	00			-	-0.50[-0.77, -().22]
Test of $\theta_i = \theta_j$: Q(3) = 1	1.37, p =	0.71							
Overall							•	-0.43 [-0.57, -(0.29]
Heterogeneity: $\tau^2 = 0.0$	01, I ² =	14.61%	H ² = 1	.17					
Test of $\theta_i = \theta_j$: Q(17) =	19.91,	p = 0.28							
Test of group difference	es: Q b	(4) = 0.6	3, p = 0	.96					
						г -2	-1 0	1	
Random-effects DerSim	nonian–l	Laird mo	del						

Figure 3. Meta-analysis of mTLT comparing to CW-TSCPC in baseline NOAM. A total of 103 patients treated with mTLT and 215 patients treated with CW-TSCPC was included. No significant difference was observed between these two modalities of laser treatment (WMD=-0.06, 95% CI -0.30 to 0.18).

	mTLT CW-TSCPC					°C		Hedges's g	Weight			
Study	Ν	Mean	SD	Ν	Mean	SD		with 95% CI	(%)			
Abdelrahman(2018)	17	2.5	.6	28	2.3	.9		0.25 [-0.35, 0.84]	16.34			
Bernardi(2022)	47	2.8	1.4	150	3	1.4		-0.14 [-0.47, 0.18]	54.05			
Fili(2022)	15	2.7	.9	15	2.6	.8		0.11 [-0.58, 0.81]	11.88			
Zemba(2022)	24	2.6	1	22	2.8	.8		-0.22 [-0.79, 0.35]	17.74			
Overall							-	-0.06 [-0.30, 0.18]				
Heterogeneity: $I^2 = 0.00\%$, $H^2 = 1.00$												
Test of $\theta_1 = \theta_1$: Q(3) = 1.78, p = 0.62												
Test of $\theta = 0$: $z = -0.50$, $p = 0.62$												
						, -	5 0 .5	1 1				
Fixed-effects inverse-v	/ariar	nce moo	lel									

Figure 4. Filled funnel plot of NOAM before and after mTLT.

