

RESULTS

Comparison between four studied group regarding follow up of TM

TM	1 minute	2 minute	3 minute	4 minute	5 minute	Test value	P-value	Sig.
	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD			
Base	30.00 $\pm$ 6.61	30.00 $\pm$ 6.61	30.00 $\pm$ 6.61	30.00 $\pm$ 6.61	30.00 $\pm$ 6.61	--	--	--
LASER 660	47.50 $\pm$ 9.17	54.5 $\pm$ 10.72	58.50 $\pm$ 9.66	61.50 $\pm$ 6.04	63.00 $\pm$ 4.66	57.014	<0.001	HS
IR	56.00 $\pm$ 9.04	63.50 $\pm$ 7.56	65.50 $\pm$ 7.35	71.00 $\pm$ 6.35	71.50 $\pm$ 8.52	47.738	<0.001	HS
LASER 660 + IR	63.5 $\pm$ 10.18	65.50 $\pm$ 6.21	69.20 $\pm$ 8.74	75.00 $\pm$ 6.82	75.00 $\pm$ 8.81	30.595	<0.001	HS
One Way ANOVA test	38.403	64.314	143.864	156.291	72.802			
P-value	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs LASER 660	0.003 (HS)	0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs IR	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs LASER 660+ IR	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			

P-value >0.05: Non significant (NS); P-value <0.05: Significant (S); P-value < 0.01: highly significant (HS)

•: Repeated Measure ANOVA test

Comparison between four studied group regarding follow up of NONM

NONM	1 minute	2 minute	3 minute	4 minute	5 minute	Test value	P-value	Sig.
	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD			
Base	70.00 $\pm$ 6.61	70.00 $\pm$ 6.61	70.00 $\pm$ 6.61	70.00 $\pm$ 6.61	70.00 $\pm$ 6.61	--	--	--
LASER 660	52.50 $\pm$ 9.17	41.50 $\pm$ 9.66	45.5 $\pm$ 10.72	38.50 $\pm$ 6.04	37.00 $\pm$ 4.66	6.677	0.003	HS
IR	44.00 $\pm$ 9.04	36.50 $\pm$ 7.56	34.50 $\pm$ 7.35	29.00 $\pm$ 6.35	28.50 $\pm$ 8.52	47.738	<0.001	HS
LASER 660 + IR	40.5 $\pm$ 14.10	38.5 $\pm$ 12.26	30.80 $\pm$ 8.74	25.00 $\pm$ 6.82	25.00 $\pm$ 8.81	22.382	<0.001	HS
One Way ANOVA test	21.519	64.314	143.864	156.291	42.885			
P-value	0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs LASER 660	0.008 (HS)	0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs IR	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs LASER 660 + IR	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			

P-value >0.05: Non significant (NS); P-value <0.05: Significant (S); P-value < 0.01: highly significant (HS)

•: Repeated Measure ANOVA test

Comparison between four studied group regarding follow up of PR

PR	1 minute	2 minute	3 minute	4 minute	5 minute	Test value	P-value	Sig.
	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD			
Base	13.00 $\pm$ 4.58	13.00 $\pm$ 4.58	13.00 $\pm$ 4.58	13.00 $\pm$ 4.58	13.00 $\pm$ 4.58	--	--	--
LASER 660	32.00 $\pm$ 5.19	38.00 $\pm$ 9.31	42.00 $\pm$ 8.57	42.50 $\pm$ 8.28	44.00 $\pm$ 7.81	30.758	<0.001	HS
IR	38.00 $\pm$ 6.51	44.0 $\pm$ 10.12	49.00 $\pm$ 9.32	51.80 $\pm$ 8.64	53.3 $\pm$ 10.27	33.176	<0.001	HS
LASER 660 + IR	47.50 $\pm$ 9.45	48.0 $\pm$ 10.47	53.5 $\pm$ 12.05	57.5 $\pm$ 10.48	57.5 $\pm$ 10.23	15.590	<0.001	HS
One Way ANOVA test	43.756	37.225	70.203	67.841	38.630			
P-value	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs LASER 660	<0.001 (HS)	<0.001 (HS)	0.001 (HS)	<0.001 (HS)	0.001 (HS)			
Base Vs IR	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			
Base Vs LASER 660 + IR	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)	<0.001 (HS)			

P-value >0.05: Non significant (NS); P-value <0.05: Significant (S); P-value < 0.01: highly significant (HS)

•: Repeated Measure ANOVA test