

The researcher has conducted Descriptive statistics (Mean & SD) for summarizing study variables. T test was used for measuring the difference in Bleeding or pain scores according to LA. Repeated Measures were used for measuring the difference in pain scores across time periods. These several techniques were applied on SPSS 26.

1. Data Description

Table (): Summary Statistics for study variables

Variables	no		yes		Total	
	Mean	SD	Mean	SD	Mean	SD
START TIME	10.22	0.88	10.21	1.28	10.22	1.09
FINISH TIME	10.75	0.84	10.79	1.31	10.77	1.09
OPERATION TIME in min	30.74	10.73	32.96	5.28	31.85	8.44
NUMER OF POSTERIOR TEETH TREATED	3.43	1.31	4.00	1.48	3.72	1.41
NUMBER OF POSTERIOR TEETH EXTRACTED	3.00	1.35	2.65	1.50	2.83	1.42
START EXTRACTION	10.70	0.87	10.74	1.39	10.72	1.14
BLEEDING STOP	10.29	2.14	10.81	1.36	10.54	1.80
BLEEDING DURATION in min	5.09	2.29	4.38	1.88	4.74	2.11
BLEEDING SCORE	2.41	0.50	2.05	0.59	2.23	0.57
PRE OP PERANTS PAIN SCORE	5.36	3.46	5.04	3.04	5.20	3.22
PAIN SCORE AT 0 TIME RECOVERY	6.39	2.50	5.61	3.03	6.00	2.77
PAIN SCORE AT 30 TIME RECOVERY	3.17	2.98	3.30	3.07	3.24	2.99
6 HR POST OP PERANTS PAIN SCORE	1.77	1.93	2.32	2.36	2.05	2.15
	n	%	n	%		
LA	23.00	50.00	23.00	50.00		

According to the previous table, it is notable that

- The mean value for operation time in minutes for LA group (yes) is 10.21, while for LA group (no) is 10.22.
- The mean value of number of posterior teeth treated for LA group (yes) is 3.43, while for LA group (no) is 4.
- The mean value of number of posterior teeth extracted for LA group (yes) is 3, while for LA group (no) is 2.65.

2. operation time in minutes according to LA

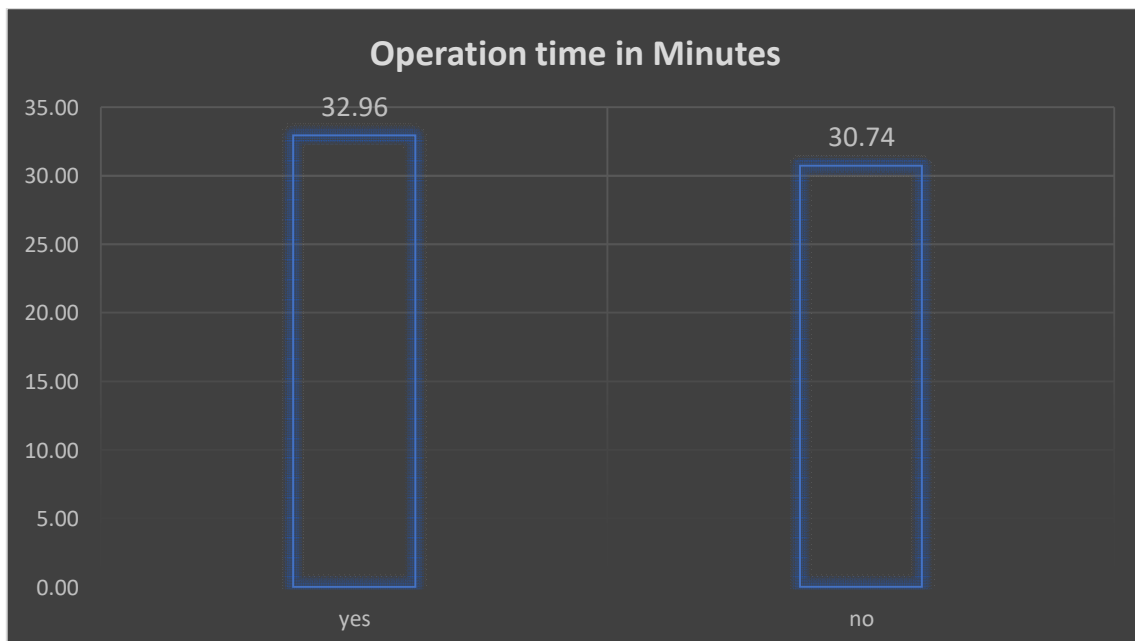
Table (): operation time in minutes according to LA

LA		N	Mean	SD	t test	p-value
OPERATION TIME in min	yes	23	32.96	5.278	0.889	0.381
	no	23	30.74	10.733		

According to the previous table, it is notable that there is no significant difference in operation time in minutes according to LA where $p\text{-value} = 0.381 > 0.05$. the mean value for LA group (yes)= 32.96 is higher than the mean value for LA group (no) = 30.74.

As shown in graph

Graph (): operation time in minutes according to LA



3. Pain Scores according to LA

Table (): Pain Scores according to LA

LA		Mean	SD	t test	p-value
PRE OP PERANTS PAIN SCORE	yes	5.04	3.04	-0.33	0.74
	no	5.36	3.46		
Pain Score At 0 Time Recovery		5.61	3.03	-0.96	0.34

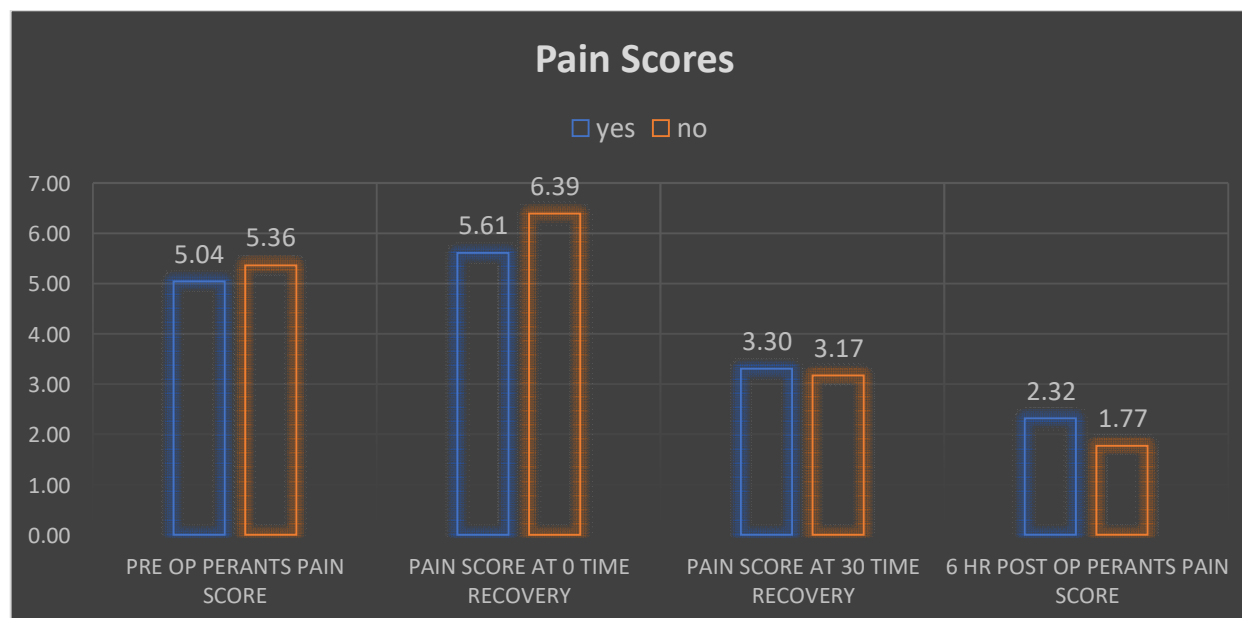
	no	6.39	2.50		
Pain Score At 30 Time Recovery	yes	3.30	3.07	0.15	0.88
	no	3.17	2.98		
6 Hr Post Op Perants Pain Score	yes	2.32	2.36	0.84	0.41
	no	1.77	1.93		

According to the previous table, it is notable that

- There is no significant difference in PRE OP PERANTS PAIN SCORE according to LA group where p-value =0.74 >0.05.
- There is no significant difference in Pain Score At 0 Time Recovery according to LA group where p-value =0.34 >0.05.
- There is no significant difference in Pain Score At 30 Time Recovery according to LA group where p-value =0.88 >0.05.
- There is no significant difference in 6 Hr Post Op Perants Pain Score according to LA group where p-value =0.41 >0.05.

As shown in graph

Graph (): Pain Scores according to LA



4. Bleeding according to LA

Table (): Bleeding according to LA

LA	Mean	SD	t test	p-value
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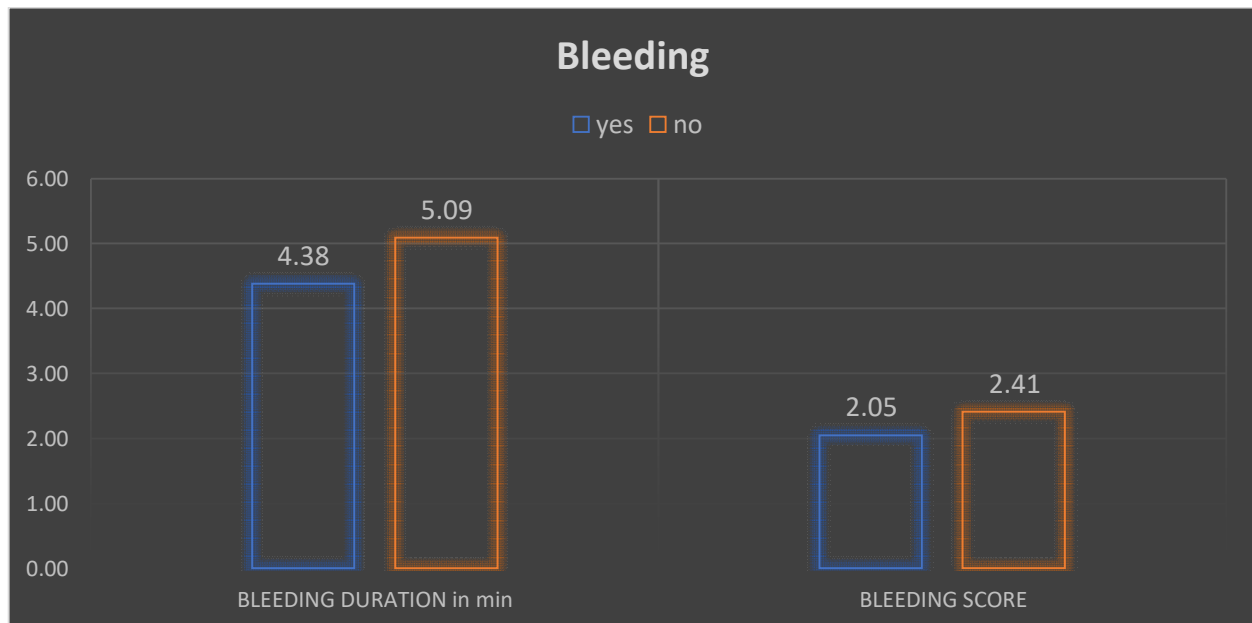
BLEEDING DURATION in min	yes	4.38	1.884	-1.108	0.274
	no	5.09	2.287		
BLEEDING SCORE	yes	2.05	0.590	-2.166	0.036
	no	2.41	0.503		

According to the previous table, it is notable that

- there is no significant difference in Bleeding duration in minutes according to LA where p-value = 0.274 > 0.05.
- there is significant difference in bleeding scores according to LA where p-value = 0.036 < 0.05. the mean value of bleeding score for LA group (yes) = 2.05 is less than the mean value for LA group (no) = 2.41.

as shown in graph

Graph (): Bleeding according to LA



5. pain scores across time periods

Table (): pain scores across time periods

Pain Scores	Yes			No		
	Mean ± SD	F test	p-value	Mean ± SD	F test	p-value
PRE OP PERANTS PAIN SCORE	5.09 ± 3.1	127.9		5.36 ± 3.45	194.73	

PAIN SCORE AT 0 TIME RECOVERY	5.64 ± 3.09	0.0001	6.27 ± 2.49	0.0001
PAIN SCORE AT 30 TIME RECOVERY	3.14 ± 3.02		3.14 ± 3.04	
6 HR POST OP PERANTS PAIN SCORE	2.32 ± 2.35		1.77 ± 1.92	

** significant at level 0.05

According to the previous table, it is notable that

- there is significant difference in pain scores across time periods according to group (yes) where p-value= 0.0001 <0.05. the mean value of pain score is declining across time after operation
- there is significant difference in pain scores across time periods according to group (no) where p-value= 0.0001 <0.05. the mean value of pain score is declining across time after operation

as shown in graph

Graph (): pain scores across time periods

