

Table (1): Comparison of the (NRT) state measured by electrode no.2 ,4,6 and 8 intraoperative, one month and three months after implantation (N=30).

Response	Intra-operative No. (%)	One month No. (%)	Three months No. (%)	P-value	P1	P2	P3
<u>EL.2</u> presence absence	25 (83.3) 5 (16.7)	29 (96.7) 1 (3.3)	28 (93.3) 2 (6.7)	0.168	0.195	0.424	0.5
<u>EL.4</u> presence absence	27(90) 3(10)	30(100) 0 (0)	29 (96.7) 1 (3.3)	0.160	0.237	0.612	0.5
<u>EL.6</u> presence absence	25 (83.3) 5 (16.7)	30(100) 0 (0)	29 (96.7) 1 (3.3)	0.024*	0.026*	0.195	0.5
<u>EL.8</u> presence absence	23 (76.7) 7 (23.3)	28 (93.3) 2 (6.7)	28(93.3) 2 (6.7)	0.075	0.073	0.073	1

Table (2): Comparison of the (NRT) state measured by electrode no.9,10, 11and12 intraoperatively, one month and three months after implantation (N=30).

Response	Intra-operative No. (%)	One month No. (%)	Three months No. (%)	P-value	P1	P2	P3
<u>EL.9</u> presence absence	22(73.3) 8(26.7)	29(96.7) 1(3.3)	29(96.7) 1(3.3)	0.004*	0.2*	0.02*	0.75
<u>EL.10</u> presence absence	21 (70) 9 (30)	28 (93.3) 2 (6.7)	30 (100) 0 (0.0)	0.001*	0.004*	0.002*	0.246
<u>EL.11</u> presence absence	19 (63.3) 11 (36.7)	25 (83.3) 5 (16.7)	26 (86.7) 4(13.3)	0.063	0.072	0.061	0.5
<u>EL.12</u> presence absence	17 (56.7) 13 (43.3)	22 (70) 9 (30)	28 (93.3) 2 (6.7)	0.35	0.211	0.139	0.5

Table (3): Comparison of neural response telemetry threshold measured by the eight electrodes intraoperative, one month and three months after implantation.

Thresh old		Intra- operative	One month	Three months	P-value	P1	P2	P3
Mean ± SD	<u>EL.2</u>	370.1 ±134.8	279.8 ±133.02	305.9 ±137.3	0.017*	0.014*	0.052	0.233
	<u>EL.4</u>	317.6 ± 120.9	281.2 ±131.9	316.8 ±116.4	0.298	0.205	0.973	0.138
	<u>EL.6</u>	375 ±166.8	270.8 ±135.1	323.8 ±151.5	0.004*	0.001*	0.141	0.06
	<u>EL.8</u>	380.2 ±153.9	277.7 ±121.9	340.8 ±126.02	0.008*	0.002*	0.174	0.043*
	<u>EL.9</u>	438.6 ±172.7	321.4 ±119.9	356 ±175.8	0.001**	0.002*	0.038*	0.0142
	<u>EL.10</u>	487.9 ±170.5	392.8 ±114.9	380.8 ±155.3	0.015*	0.002*	0.015*	0.675
	<u>EL.11</u>	353.6 ± 102.2	356.9 ±124.5	343.8 ±151.2	0.798	0.885	0.792	0.662
	<u>EL.12</u>	286.2 ± 117.1	285.8 ±114.7	297 ±144.5	0.730	0.983	0.672	0.556