Index Lichen Planus, Dermatological Quality of Life Index, Behavioral Rating Score, Hamilton Anxiety and Depression scale scores

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| --- | --- | --- | --- | --- | --- |
| Parameter | | Total number of patients (n = 61), Me (Q25–Q75) | CES group (n = 31), Me (Q25–Q75) | Conventional therapy group (n = 30), Me (Q25–Q75) | *P* value\* |
| ILP | At baseline | 13 (12–15) | 13 (12–15) | 13 (10–15) | 0.801 |
| After treatment | 5 (4–7) | 4 (3–6) | 6 (4–8) | 0.004 |
| *P* value\*\* | < 0.001 | < 0.001 | < 0.001 |  |
| DQLI | At baseline | 15 (12–17) | 15 (12–17) | 15 (12–17) | 0.501 |
| After treatment | 7 (6–8) | 6 (5–8) | 8 (7–10) | < 0.001 |
| *P* value\*\* | < 0.001 | < 0.001 | < 0.001 |  |
| BRS | At baseline | 3 (3–4) | 3 (3–3) | 3 (2–4) | 0.521 |
| After treatment | 1 (0–1) | 1 (0–1) | 1 (0–1) | 0.485 |
| *P* value\*\* | < 0.001 | < 0.001 | < 0.001 |  |
| Hamilton Anxiety Scale | At baseline | 15 (11–18) | 14 (11–19) | 15 (9–18) | 0.679 |
| After treatment | 7 (6–12) | 6 (6–9) | 11 (6–12) | 0.021 |
| *P* value\*\* | < 0.001 | < 0.001 | < 0.001 |  |
| Hamilton Depression Scale | At baseline | 11 (6–15) | 8 (6–15) | 13 (6–14) | 0.555 |
| After treatment | 6 (4–9) | 4 (3–7) | 8 (4–11) | 0.006 |
| *P* value\*\* | < 0.001 | < 0.001 | < 0.001 |  |

BRS, Behavioral Rating Score; CES, cranial electrotherapy stimulation; DQLI, Dermatological Quality of Life Index; ILP, Index of Lichen Planus

\*For comparison between the intervention and the control group (Wilcoxon's paired rank test)

\*\*For comparison of the parameters at baseline and after treatment (Mann-Whitney's unpaired test)