

Table 1: Changes in ECCA score in each group after each session

| Group | | | Mean | SD | Paired T Test | P Value |
|--------------------------|--------|---------------------------------|--------|-------|---------------|---------|
| Microneedling with Vit c | Pair 1 | ECCA at 1 st session | 92.500 | 29.36 | | |
| | | ECCA at 2 nd session | 92.500 | 29.36 | | |
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| | Pair 2 | ECCA at 1 st session | 92.500 | 29.36 | 1.000 | 0.343 |
| | | ECCA at 3 rd session | 91.000 | 28.75 | | |
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| | Pair 3 | ECCA at 1 st session | 92.500 | 29.36 | 1.406 | 0.193 |
| | | ECCA at 4 th session | 85.000 | 31.53 | | |
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| | Pair 4 | ECCA at 1 st session | 92.500 | 29.36 | 2.806 | 0.02 |
| | | ECCA at 5 th session | 78.500 | 35.12 | | |
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| | Pair 5 | ECCA at 1 st session | 92.500 | 29.36 | 4.943 | <0.001 |
| | | ECCA at 6 th session | 71.000 | 34.46 | | |
| | | | | | | |
| | Pair 6 | ECCA at 1 st session | 92.500 | 29.36 | 3.939 | <0.001 |
| | | ECCA at 1 month after TTT | 67.000 | 36.68 | | |
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P value significant if <0.05