

**Table: 1** The number and rates of edema in groups

|                  |              |        | Score |       | Total   |
|------------------|--------------|--------|-------|-------|---------|
|                  |              |        | 0     | 1+    |         |
| Classic Group    | Before       | N      | 15    | 0     | 15      |
|                  | Osteotomy    | Group% | 100%  | 0.0%  | 100%    |
|                  | After        | N      | 2     | 13    | 15      |
|                  | Osteotomy    | Group% | 13.3% | 86.7% | 100%    |
| Piezo Group      | Before       | N      | 15    | 0     | 15      |
|                  | Piezosurgery | Group% | 100%  | 0.0%  | 100%    |
|                  | After        | N      | 11    | 4     | 15      |
|                  | Piezosurgery | Group% | 73.3% | 26.7% | 100%    |
| Chi-square=37.02 |              |        |       |       | p=0.001 |

**Table 2:** Numbers and rates of necrosis in groups

|                              |              |        | Score |       | Total |
|------------------------------|--------------|--------|-------|-------|-------|
|                              |              |        | 0     | 1+    |       |
| Classic Group                | Before       | N      | 15    | 0     | 15    |
|                              | Osteotomy    | Group% | 100%  | 0%    | 100%  |
|                              | After        | N      | 13    | 2     | 15    |
|                              | Osteotomy    | Group% | 86.7% | 13.3% | 100%  |
| Piezo Group                  | Before       | N      | 15    | 0     | 15    |
|                              | Piezosurgery | Group% | 100%  | 0%    | 100%  |
|                              | After        | N      | 5     | 10    | 15    |
|                              | Piezosurgery | Group% | 33.3% | 66.7% | 100%  |
| Chi-square =28.33<br>p=0.001 |              |        |       |       |       |