Table 1: Number of teeth roots used in this study according to Tooth type, Radiograph type and Classification.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Type Of**  **Tooth** | **Type Of Radiograph** |  | **Classification** | | | | **Total** |
| **0** | **1** | **2** | **3** | **4** |
| Second Premolar | OPG | 35 | 43 | 10 | 81 | 1 | 170 |
| DVT | 65 | 50 | 40 | 14 | 1 | 170 |
| First Molar | OPG | 10 | 40 | 3 | 113 | 4 | 170 |
| DVT | 38 | 57 | 39 | 19 | 17 | 170 |
| Second Molar | OPG | 14 | 50 | 12 | 90 | 4 | 170 |
| DVT | 30 | 82 | 20 | 19 | 19 | 170 |
| Total |  | 192 | 322 | 124 | 336 | 46 | **1020(510 teeth )** |

Table 2: Overall comparison of Maxillary teeth roots in relation to the floor of sinus using panoramic radiography and DVT.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **DVT** | | | | | |
| **OPG** | **0** | **1** | **2** | **3** | **4** | **TOTAL** |
| **0** | 50 | 8 | 0 | 0 | 1 | **59(11.5%)** |
| **1** | 51 | 73 | 3 | 4 | 1 | **132(25.8%)** |
| **2** | 1 | 17 | 8 | 2 | 0 | **28(5.4%)** |
| **3** | 31 | 85 | **88**  **(87%)** | **45**  **(88.2%)** | 33 | **282(55.2%)** |
| **4** | 0 | 6 | 2 | 0 | 1 | **9(1.7%)** |
| **Total** | **133**  **(26%)** | **189**  **(37%)** | **101**  **(19.8%)** | **51**  **(10%)** | **36**  **(7.05%)** | **510** |

Table 3: Comparison of OPG and DVT with respect to average gradings of all teeth by t test.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Methods | Mean | Std.Dv. | Mean Diff. | SD Diff. | % of difference | Paired t | p-value |
| OPG | 6.30 | 2.39 |  |  |  |  |  |
| DVT | 4.06 | 2.27 | **2.24** | 1.68 | 35.48 | 12.2485 | 0.0000\* |

\*p<0.05