**Additional file 1:**

**Table 1: Relationship of different variables in the study population and age groups.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Age Groups | | | | Total No. 150 | *p* value |
| 31 - 40 | 41 - 50 | 51 - 60 | 61 - 70 |
| Tumor Type | | | | | | |
| Benign | 1 (6.3%) | 13 (81.3%) | 2 (12.5%) | 0 (0.0%) | 16 (10.7%) | 0.006 |
| Pre-cancerous | 4 (10.8%) | 27 (73.0%) | 5 (13.5%) | 1 (2.7%) | 37 (24.7%) |
| Cervical Cancer | 7 (7.2%) | 42 (43.3%) | 41 (42.3%) | 7 (7.2%) | 97 (64.7%) |
| Histopathology | | | | | | |
| Cervicitis | 1 (6.3%) | 13 (81.3%) | 2 (12.5%) | 0 (0.0%) | 16 (10.7%) | 0.000 |
| Well differentiated SCC | 5 (15.6%) | 21 (65.6%) | 5 (15.6%) | 1 (3.1%) | 32 (21.3%) |
| Moderately differentiated SCC | 2 (4.5%) | 18 (40.9%) | 20 (45.5%) | 4 (9.1%) | 44 (29.3%) |
| Poorly differentiated SCC | 0 (0.0%) | 3 (14.3%) | 16 (76.2%) | 2 (9.5%) | 21 (14.0%) |
| Mild dysplasia | 1 (5.0%) | 15 (75.0%) | 3 (15.0%) | 1 (5.0%) | 20 (13.3%) |
| Severe dysplasia | 3 (17.6%) | 12 (70.6%) | 2 (11.8%) | 0 (0.0%) | 17 (11.3%) |
| Cancer Stage\* | | | | | | |
| Grade I | 1 (5.6%) | 10 (55.6%) | 7 (38.9%) | 0 (0.0%) | 18 (18.6%) | 0.755 |
| Grade 2 | 2 (6.1%) | 12 (36.4%) | 16 (48.5%) | 3 (9.1%) | 33 (34.0%) |
| Grade III | 2 (6.3%) | 16 (50.0%) | 11 (34.4%) | 3 (9.4%) | 32 (33.0%) |
| Grade IV | 2 (14.3%) | 4 (28.6%) | 7 (50.0%) | 1 (7.1%) | 14 (14.4%) |

\*Cancer staging was made on the SCC only. No. 97 patients. SCC: Squamous Cell Carcinoma.