**Supplemental Digital Content 1, Table.**

Clinical parameters related to Rel-AVdiff in choroidal melanoma patients.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Low Rel-AVdiff\*** | **High Rel-AVdiff\*** |  |
|  | Cases (%) | Cases (%) | p-value |
| Total | 23 (100) | 22 (100) |  |
| Sex |  |  |  |
|  Male | 15 (65) | 12 (55) | 0.47‡ |
|  Female | 8 (35) | 10 (45) |  |
| Age |  |  |  |
|  Mean ± SD | 60.3 ± 15.6 | 70.9 ± 10.4 | 0.011†† |
| Side |  |  |  |
|  OD | 10 (43) | 9 (41) | 0.86‡ |
|  OS | 13 (57) | 13 (59) |  |
| Location |  |  |  |
|  Central | 6 (26) | 3 (14) | 0.41\*\* |
|  Arcade | 7 (30) | 5 (23) |  |
|  Peripheral | 10 (44) | 14 (64) |  |
| Thickness |  |  |  |
|  Mean ± SD | 4.00 ± 1.4 | 4.02 ± 1.8 | 0.97†† |
| Largest Bas Diameter |  |  |  |
|  Mean ± SD | 11.9 ± 2.9 | 11.8 ± 3.4 | 0.92†† |
| TNM, T group (8th) |  |  |  |
|  T1 | 6 (26) | 8 (36) | 0.67\*\* |
|  T2 | 11 (48) | 10 (46) |  |
|  T3 | 5 (22) | 2 (9) |  |
|  T4 | 1 (4) | 2 (9) |  |
| COMS |  |  |  |
|  Small | 6 (26) | 8 (36) | 0.81\*\* |
|  Medium | 15 (65) | 12 (55) |  |
|  Large | 2 (9) | 2 (9) |  |
| Pigmentation |  |  |  |
|  Pigmented | 19 (83) | 17 (77) | 0.87\*\* |
|  Amelanotic | 3 (13) | 3 (14) |  |
|  Mixed | 1 (4) | 2 (9) |  |
| Subretinal fluid |  |  |  |
|  No | 11 (48) | 8 (36) | 0.44‡ |
|  Yes | 12 (52) | 14 (64) |  |
| Symptoms |  |  |  |
|  No | 10 (43) | 9 (41) | 0.86‡ |
|  Yes | 13 (57) | 13 (59) |  |
| Orange pigment† |  |  |  |
|  No | 13 (59) | 15 (68) | 0.53‡ |
|  Yes | 9 (41) | 7 (32) |  |
| Margin < 3mm of optic disc |  |  |  |
|  No | 17 (74) | 20 (91) | 0.24‡ |
|  Yes | 6 (26) | 2 (9) |  |

SD = Standard Deviation; TNM = AJCC TNM classification.

\* Low and High groups are separated based on the median Rel-AVdiff.

† One lesion could not be scored on these items due to its location.

‡ Pearson Chi Square test.

\*\* Fisher Exact test.

†† Independent samples t-test.