**Supplemental Table 1: 3x3 OCTA Scans Comparing Amblyopic Eyes Before and After Treatment in Those Subjects Whose Visual Acuity Improved by 1+ lines**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Macular** **Region** | **Mean (SD) Vision Improved PreT-AE SCP RVD[[1]](#footnote-1) (%)** | **Mean (SD) PoT-AEb SCP RVD (%)** | ***P-value*†** | **Mean (SD) Vision Improved PreT-AE DCPc RVD (%)** | **Mean (SD) PoT-AE DCP RVD (%)** | ***P-value*†** |
| Whole Image | 50.3 (1.46) | 51.5 (1.82) | 0.38 | 53.4 (6.10) | 56.8 (2.79) | 0.2 |
| Superior Hemisphere | 50.2 (1.52) | 51.3 (2.32) | 0.38 | 53.2 (6.47) | 56.7 (2.65) | 0.3 |
| Inferior Hemisphere | 50.4 (1.72) | 51.7 (1.43) | 0.1 | 53.7 (5.63) | 56.9 (3.02) | 0.3 |
| Foveal | 22.9 (5.43) | 26.8 (7.62) | 0.04\* | 39.5 (4.98) | 41.3 (7.84) | 0.25 |
| Parafoveal (PF) | 53.4 (1.88) | 54.2 (2.54) | 0.5 | 55.6 (1.88) | 58.8 (2.86) | 0.3 |

\*p≤0.05

†Wilcoxon Signed Rank test

Pre-Treatment Amblyopic Eye Superficial Capillary Plexus Vessel Density Vessel Density

bPost-Treatment Amblyopic Eye

c Deep Capillary Plexus

**Supplemental Table 2: 3x3 OCTA Scans Comparing Amblyopic Eyes Before and After Treatment in Those Subjects Whose Visual Acuity Did Not Improve**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Macular Region** | **Mean (SD) Vision not Improved PreT-AE SCP RVD**a **(%)** | **Mean (SD) Vision not Improved PoT-AE**b **SCP RVD (%)** | ***P-value***† | **Mean (SD) Vision not Improved PreT-AE DCP**c **RVD (%)** | **Mean (SD) Vision not Improved PoT-AE DCP RVD (%)** | ***P-value***† |
| Whole Image | 49.7 (1.93) | 50.5 (0.26) | 1 | 56.8 (2.79) | 55.5 (2.12) | 0.25 |
| Superior Hemisphere | 50.0 (2.20) | 50.8 (0.61) | 1 | 56.7 (2.65) | 56.8 (1.96) | 0.25 |
| Inferior Hemisphere | 49.4 (1.55) | 50.2 (0.35) | 1 | 56.9 (3.02) | 54.2 (2.51) | 0.25 |
| Foveal | 19.2 (1.61) | 16.6 (6.44) | 1 | 41.2 (7.84) | 34.4 (4.41) | 0.75 |
| Parafoveal (PF) | 52.8 (2.04) | 53.8 (0.75) | 0.75 | 58.8 (2.86) | 58.4 (1.47) | 0.25 |

\*p≤0.05

†Wilcoxon Signed Rank test

aPre-Treatment Amblyopic Eye Superficial Capillary Plexus Vessel Density Vessel Density

bPost-Treatment Amblyopic Eye

cDeep Capillary Plexus

1. [↑](#footnote-ref-1)