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This article contains additional Supplementary Material: Supplementary Tables S1-S9.

Table S1. Statistical analysis of changes in vascular parameters in nerve fiber layer vascular plexus.

| NFLVP | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|----------------------------------|-----------------------------------|------------------------------------|------------------------------------|------------------------------------|--------|---------|
| EA (mm ²) | 8.3795 (8.3770- 8.3804) | 8.3796 (8.3770- 8.3805) | 8.3794 (8.3768- 8.3807) | 8.3794 (8.3768- 8.3807) | 8.3794 (8.3768- 8.3803) | 0.889 | 0.01% |
| VA (mm ²) | 1.8591 (1.4153- 2.3589) | 2.5353 (2.0353- 3.0919) | 2.6530 (2.1733- 3.2279) | 2.7846 (2.2839- 3.1992) | 2.8117 (2.3376- 3.2735) | <0.001 | 36.37% |
| VPA (%) | 22.1838 (16.8914- 28.1471) | 30.2547 (24.2985- 36.8916) | 31.6644 (25.9395- 38.5160) | 33.2328 (27.2585- 38.1763) | 33.5613 (27.8909- 39.1569) | <0.001 | 36.38% |
| TNJ | 495 (320- 731) | 809 (593- 1049) | 862 (644- 1109) | 906 (686- 1111) | 936 (728-1140) | <0.001 | 63.43% |
| JD (junctions/ mm ²) | 59.2552 (38.1612- 87.2170) | 96.5340 (70.7350- 125.1407) | 102.8470 (76.8021- 132.3245) | 108.1508 (81.8590- 132.6084) | 111.6791 (87.0387- 136.0834) | <0.001 | 62.91% |
| TVL (mm) | 71.1006 (53.6238- 92.1387) | 95.0071 (77.8507- 112.2952) | 101.7714 (83.9617- 118.3007) | 104.4058 (85.9790- 118.2746) | 103.9301 (87.8332- 118.7705) | <0.001 | 33.62% |
| AVL (mm) | 0.1716 (0.1297- 0.2246) | 0.2620 (0.1758- 0.3935) | 0.2712 (0.2059- 0.4137) | 0.3000 (0.2071- 0.4194) | 0.2973 (0.2156- 0.4074) | <0.001 | 52.68% |
| TNEP | 999 (855- 1140) | 1021 (882- 1135) | 998 (864- 1106) | 994 (858- 1110) | 975 (891-1107) | 0.369 | 2.20% |
| ML | 0.3649 (0.2617- 0.5047) | 0.2294 (0.1778- 0.3309) | 0.2098 (0.1653- 0.2757) | 0.2106 (0.1569- 0.2718) | 0.2053 (0.1588- 0.2881) | <0.001 | -37.12% |

NFLVP = nerve fiber layer vascular plexus; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity.

This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with $p < 0.001$.

Table S2. Statistical analysis of changes in vascular parameters in superficial vascular plexus.

| SVP | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|----------------|
| EA (mm ²) | 8.3801 (8.3790- 8.3806) | 8.3801 (8.3790- 8.3806) | 8.3801 (8.3793- 8.3807) | 8.3801 (8.3790- 8.3809) | 8.3801 (8.3790- 8.3807) | 0.125 | 0.00% |
| VA (mm ²) | 4.5545 (4.0094- 4.9355) | 5.0687 (4.8105- 5.3193) | 5.0724 (4.8006- 5.3900) | 5.1967 (4.9060- 5.4451) | 5.1283 (4.9467- 5.4279) | <0.001 | 11.29% |
| VPA (%) | 54.5669 (47.8463- 58.8991) | 60.4780 (57.4106- 63.5375) | 60.5694 (57.7880- 64.3410) | 62.0127 (58.5389- 64.9757) | 61.2477 (59.0638- 64.7752) | <0.001 | 10.83% |
| TNJ | 1314 (1115- 1397) | 1432 (1373- 1485) | 1441 (1366- 1502) | 1446 (1383- 1507) | 1439 (1381- 1496) | <0.001 | 8.98% |
| JD (junctions/ mm ²) | 156.8099 (133.0305- 166.6892) | 170.9058 (163.7611- 177.2097) | 171.9498 (163.3842- 179.8371) | 172.7219 (165.0255- 179.8147) | 172.6123 (165.0242- 178.5276) | <0.001 | 8.99% |
| TVL (mm) | 138.455 (127.844- 144.633) | 146.063 (142.680- 149.708) | 147.222 (142.383- 151.002) | 147.244 (144.288- 150.959) | 146.856 (143.387- 150.129) | <0.001 | 5.49% |
| AVL (mm) | 3.957 (1.790- 6.092) | 6.059 (4.628- 8.532) | 6.120 (4.816- 9.000) | 6.559 (4.915- 8.759) | 6.135 (4.760- 8.243) | <0.001 | 53.13% |
| TNEP | 240 (194- 412) | 169 (147- 210) | 170 (147- 206) | 168 (140- 197) | 170 (146- 199) | <0.001 | -29.58% |
| ML | 0.0504 (0.0407- 0.072) | 0.0398 (0.0322- 0.0474) | 0.0378 (0.0307- 0.0457) | 0.0377 (0.0311- 0.0456) | 0.0385 (0.0315- 0.0469) | <0.001 | -20.97% |

SVP = superficial vascular plexus; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity. This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with $p < 0.001$.

Table S3. Statistical analysis of changes in vascular parameters in superficial vascular complex.

| SVC | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------|---------|
| EA (mm ²) | 8.3799 (8.3787- 8.3806) | 8.3799 (8.3787- 8.3806) | 8.3801 (8.3794- 8.3807) | 8.3799 (8.3787- 8.3807) | 8.3799 (8.3787- 8.3807) | 0.889 | 0.01% |
| VA (mm ²) | 3.864 (3.127- 4.329) | 4.637 (4.297 to 4.918) | 4.703 (4.311- 5.021) | 4.831 (4.453- 5.007) | 4.748 (4.451- 4.989) | <0.001 | 20.00% |
| VPA (%) | 46.103 (37.310- 51.652) | 55.323 (51.302- 58.753) | 56.133 (51.491- 59.923) | 57.639 (53.137- 59.854) | 56.710 (53.113- 59.929) | <0.001 | 20.00% |
| TNJ | 1143 (895- 1306) | 1384 (1286- 1475) | 1394 (1285- 1487) | 1424 (1327- 1479) | 1406 (1320- 1476) | <0.001 | 21.08% |
| JD (junctions/ mm ²) | 137.096 (106.731- 155.833) | 165.132 (153.665- 176) | 166.338 (153.287- 177.447) | 170.020 (158.352- 176.456) | 167.989 (157.466- 177.210) | <0.001 | 20.45% |
| TVL (mm) | 128.843 (110.867- 138.255) | 143.106 (137.009- 147.567) | 143.976 (137.635- 148.805) | 145.559 (140.618- 149.084) | 144.972 (140.884- 148.726) | <0.001 | 11.07% |
| AVL (mm) | 2.028 (0.760- 3.547) | 5.389 (3.687- 7.106) | 5.292 (3.600- 7.417) | 5.996 (4.079- 8.904) | 5.454 (4.148- 8.194) | <0.001 | 165.76% |
| TNEP | 406 (285- 614) | 224 (184- 278) | 208 (180- 276) | 201 (166- 271) | 204 (176-250) | <0.001 | -44.83% |
| ML | 0.0727 (0.0523- 0.115) | 0.0487 (0.0403- 0.0588) | 0.0481 (0.0385- 0.0562) | 0.0458 (0.0377- 0.0564) | 0.0475 (0.0392- 0.0585) | <0.001 | -33.06% |

SVC = superficial vascular complex; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity.

This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with p < 0.001.

Table S4. Statistical analysis of changes in vascular parameters in intermediate capillary plexus.

| ICP | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|----------------|
| EA (mm ²) | 8.3800 (8.3774- 8.3806) | 8.3797 (8.3779- 8.3808) | 8.3801 (8.3788- 8.3809) | 8.3800 (8.3786- 8.3808) | 8.3800 (8.3786- 8.3808) | 0.755 | 0.00% |
| VA (mm ²) | 4.4589 (3.6848- 4.7876) | 5.0306 (4.7727- 5.2698) | 5.0145 (4.7338- 5.2741) | 5.1236 (4.7383- 5.3024) | 5.0714 (4.8539- 5.2669) | <0.001 | 12.82% |
| VPA (%) | 53.2082 (53.2082- 57.1352) | 60.0233 (56.9550- 62.8829) | 59.8439 (56.4824- 62.9344) | 61.1325 (56.5415- 63.2928) | 60.5677 (57.9167- 62.8452) | <0.001 | 12.81% |
| TNJ | 1436 (1121- 1559) | 1604 (1546- 1693) | 1617 (1536- 1713) | 1632 (1555- 1692) | 1647 (1573- 1693) | <0.001 | 11.70% |
| JD (junctions/ mm ²) | 171.3555 (133.7933- 185.9862) | 191.3835 (184.4353- 201.9707) | 192.9544 (183.2330- 204.3767) | 194.7350 (185.5743- 201.8687) | 196.5190 (187.7151- 202.3389) | <0.001 | 11.69% |
| TVL (mm) | 146.6273 (126.3234- 152.6902) | 154.7071 (152.0413- 159.6729) | 156.4076 (151.4608- 160.6250) | 156.7169 (152.8764- 159.7203) | 156.6050 (154.2605- 159.6352) | <0.001 | 5.51% |
| AVL (mm) | 3.1479 (1.1489- 4.3315) | 6.0974 (4.1989- 8.2731) | 5.4723 (3.7972- 7.0673) | 5.6966 (4.0042- 7.7599) | 5.8670 (4.1286- 7.0363) | <0.001 | 93.70% |
| TNEP | 340 (263- 540) | 212 (184- 250) | 225 (184- 250) | 208 (176- 258) | 211 (186- 248) | <0.001 | -37.65% |
| ML | 0.03600 (0.02781- 0.06323) | 0.02584 (0.02011- 0.03056) | 0.02427 (0.01990- 0.02934) | 0.02442 (0.02016- 0.02882) | 0.02448 (0.01952- 0.02880) | <0.001 | -28.22% |

ICP = intermediate capillary plexus; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity.

This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with $p < 0.001$.

Table S5. Statistical analysis of changes in vascular parameters in deep capillary plexus.

| DCP | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|----------------|
| EA (mm ²) | 8.3801 (8.3766- 8.3803) | 8.3802 (8.3790- 8.3808) | 8.3802 (8.3789- 8.3807) | 8.3801 (8.3790- 8.3810) | 8.3801 (8.3790- 8.3810) | 0.785 | 0.01% |
| VA (mm ²) | 4.3672 (3.8253- 4.7674) | 4.9242 (4.6452- 5.2837) | 4.9290 (4.7928- 5.3246) | 5.0187 (4.7728- 5.2834) | 5.0594 (4.7865- 5.2373) | <0.001 | 12.75% |
| VPA (%) | 52.1056 (45.6493- 56.8821) | 58.7513 (55.4292- 63.0430) | 58.8133 (57.1941- 63.5351) | 59.9478 (57.4191- 63.0429) | 60.4815 (57.1285- 62.6035) | <0.001 | 12.75% |
| TNJ | 1385 (1220- 1554) | 1548 (1479- 1656) | 1602 (1508- 1655) | 1595 (1531- 1649) | 1596 (1511- 1666) | <0.001 | 11.77% |
| JD (junctions/ mm ²) | 165.2630 (145.6565- 185.4727) | 184.7808 (176.4101- 197.5626) | 191.4179 (179.9524- 197.4751) | 190.3027 (182.6724- 197.1309) | 190.4480 (180.2703- 199.2827) | <0.001 | 11.81% |
| TVL (mm) | 139.7239 (128.3934- 149.5305) | 150.9558 (146.4668- 156.3002) | 153.2497 (148.1792- 156.9497) | 152.7475 (148.6371- 157.0685) | 152.9109 (147.9636- 156.4881) | <0.001 | 8.04% |
| AVL (mm) | 2.4405 (1.3330- 4.3567) | 4.6059 (3.3411- 6.7264) | 5.6519 (3.9798- 7.1728) | 5.5208 (3.9462- 6.9299) | 5.4975 (3.9042- 6.9947) | <0.001 | 88.72% |
| TNEP | 360 (252- 511) | 238 (179- 284) | 216 (175- 271) | 214 (179- 257) | 212 (185-251) | <0.001 | -33.89% |
| ML | 0.06161 (0.04602- 0.08830) | 0.04423 (0.03464- 0.05317) | 0.04033 (0.03203- 0.04841) | 0.04050 (0.03270- 0.04964) | 0.04157 (0.03396- 0.05088) | <0.001 | -28.21% |

DCP = deep capillary plexus; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity.

This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with $p < 0.001$.

Table S6. Statistical analysis of changes in vascular parameters in deep vascular complex.

| DVC | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|----------------|
| EA (mm ²) | 8.3799 (8.3791- 8.3807) | 8.3799 (8.3788- 8.3808) | 8.3800 (8.3791- 8.3810) | 8.3799 (8.3788- 8.3808) | 8.3799 (8.3788- 8.3808) | 0.128 | 0.01% |
| VA (mm ²) | 4.7510 (4.0670- 5.1796) | 5.3422 (5.1466- 5.6861) | 5.4149 (5.2065- 5.6675) | 5.5216 (5.2554- 5.6775) | 5.5135 (5.2763- 5.6330) | <0.001 | 12.44% |
| VPA (%) | 56.6918 (48.5284- 61.8060) | 63.7460 (61.4178- 67.8484) | 64.6211 (62.1213- 67.6476) | 65.8857 (62.7092- 67.7643) | 65.7903 (62.9728- 67.2612) | <0.001 | 12.44% |
| TNJ | 1608 (1331- 1707) | 1727 (1674- 1773) | 1752 (1687- 1786) | 1738 (1697- 1786) | 1738 (1688- 1779) | <0.001 | 7.40% |
| JD (junctions/ mm ²) | 191.8826 (159.0030- 203.6972) | 206.0519 (199.7749- 211.4806) | 209.1735 (201.2836- 213.1473) | 207.4106 (202.9628- 213.0718) | 207.4106 (201.5647- 212.2858) | <0.001 | 7.38% |
| TVL (mm) | 153.2259 (134.9415- 159.5338) | 160.7572 (157.9655- 163.2968) | 161.7421 (158.5118- 163.9697) | 161.7186 (158.4459- 163.5630) | 160.7295 (158.9470- 163.2466) | <0.001 | 4.92% |
| AVL (mm) | 4.8106 (1.3235- 10.6267) | 13.7022 (8.7047- 21.8198) | 13.5446 (9.3401- 20.2722) | 16.3397 (9.1956- 22.6235) | 14.4311 (9.8113- 18.5240) | <0.001 | 184.83% |
| TNEP | 272 (177- 479) | 142 (105- 176) | 133 (109- 162) | 119 (101- 160) | 124 (103-157) | <0.001 | -47.79% |
| ML | 0.03666 (0.02911- 0.06960) | 0.02667 (0.02151- 0.03206) | 0.02542 (0.02017- 0.03085) | 0.02482 (0.02054- 0.02973) | 0.02674 (0.02075- 0.03134) | <0.001 | -27.24% |

DVC = deep vascular complex; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity.

This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with p < 0.001.

Table S7. Statistical analysis of changes in vascular parameters in retina.

| RETINA | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|----------------|
| EA (mm ²) | 8.3796 (8.3782- 8.3805) | 8.3796 (8.3781- 8.3807) | 8.3798 (8.3789- 8.3805) | 8.3800 (8.3794- 8.3808) | 8.3800 (8.3794- 8.3808) | 0.567 | 0.01% |
| VA (mm ²) | 4.4098 (3.9080- 4.8648) | 4.9427 (4.7097- 5.1777) | 5.0057 (4.7243- 5.2723) | 5.1038 (4.8357- 5.3189) | 5.0444 (4.8364- 5.3010) | <0.001 | 12.09% |
| VPA (%) | 52.6185 (46.6445- 58.0554) | 58.9799 (56.1958- 61.7856) | 59.7317 (56.3762- 62.9090) | 60.9041 (57.7023- 63.4796) | 60.1941 (57.7098- 63.2794) | <0.001 | 12.09% |
| TNJ | 1529 (1348- 1683) | 1709 (1637- 1771) | 1730 (1654- 1788) | 1746 (1670- 1787) | 1734 (1670- 1787) | <0.001 | 11.77% |
| JD (junctions/ mm ²) | 182.4319 (160.8864- 200.7545) | 204.0459 (195.3320- 211.3452) | 206.4779 (197.4950- 213.3626) | 208.4055 (199.2211- 213.2483) | 207.3842 (199.2396- 213.5274) | <0.001 | 11.85% |
| TVL (mm) | 150.7949 (139.6191- 158.1094) | 159.9335 (155.9889- 162.6339) | 160.7585 (156.4810- 164.0373) | 161.6095 (156.9008- 163.6342) | 160.9889 (156.9437- 162.8714) | <0.001 | 6.06% |
| AVL (mm) | 2.5953 (1.2544- 4.8658) | 7.4237 (4.1864- 10.6714) | 7.7464 (4.5762- 11.6792) | 7.1950 (4.9531- 10.3802) | 7.6356 (5.0180- 11.6167) | <0.001 | 186.04% |
| TNEP | 359 (265- 560) | 210 (184- 303) | 207 (159- 270) | 192 (154- 247) | 192 (161-256) | <0.001 | -41.50% |
| ML | 0.03956 (0.03072- 0.06329) | 0.02937 (0.02439- 0.03750) | 0.02904 (0.02317- 0.03310) | 0.02678 (0.02315- 0.03221) | 0.02853 (0.02292- 0.03490) | <0.001 | -25.76% |

EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity. This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with p < 0.001.

Table S8. Statistical analysis of changes in vascular parameters in choriocapillaris.

| CC | Before | 1 week after | 1 months after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------|----------------|
| EA (mm ²) | 8.3802 (8.3792- 8.3808) | 8.3800 (8.3791- 8.3807) | 8.3802 (8.3792- 8.3808) | 8.3806 (8.3794- 8.3810) | 8.3806 (8.3794- 8.3810) | 0.742 | 0.00% |
| VA (mm ²) | 6.4122 (6.1682- 6.5987) | 6.4489 (6.2490- 6.6267) | 6.4555 (6.3336- 6.6340) | 6.4811 (6.3198- 6.6653) | 6.5013 (6.3096- 6.6464) | 0.279 | 0.57% |
| VPA (%) | 76.5091 (73.6006- 78.7315) | 76.9443 (74.6011- 79.0804) | 77.0477 (75.5775- 79.1660) | 77.4137 (75.4058- 79.5406) | 77.6670 (75.2858- 79.3051) | 0.243 | 0.57% |
| TNJ | 1721 (1597- 1666) | 1713 (1673- 1760) | 1707 (1673- 1756) | 1707 (1665- 1744) | 1705 (1658- 1757) | 0.834 | -0.46% |
| JD (junctions/m m ²) | 205.3361 (198.7315- 210.2192) | 204.3816 (199.6236- 209.9921) | 203.7769 (199.6878- 209.5172) | 203.6657 (198.6613- 208.0507) | 203.4641 (197.8568- 209.6402) | 0.789 | -0.46% |
| TVL (mm) | 163.5641 (161.1857- 164.8765) | 163.4505 (161.5202- 164.9303) | 163.2078 (161.3249- 164.8354) | 163.1552 (161.4501- 164.5270) | 163.1552 (161.0359- 165.2222) | 0.914 | -0.07% |
| AVL (mm) | 39.7701 (24.5450- 82.0256) | 53.9182 (32.4966- 81.4227) | 54.6377 (39.5678- 138.3566) | 54.4731 (33.0892- 157.7326) | 55.1272 (40.6070- 81.4441) | 0.008 | 35.57% |
| TNEP | 86 (65-116) | 77 (57-98) | 74 (58-91) | 72 (54-96) | 73 (57-87) | <0.001 | -10.47% |
| ML | 0.007167 (0.006056- 0.009225) | 0.006810 (0.005702- 0.008304) | 0.006560 (0.005650- 0.007455) | 0.006474 (0.005571- 0.007438) | 0.006331 (0.005625- 0.007387) | 0.001 | -4.99% |

CC = choriocapillaris; EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity. This table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented for values one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with $p < 0.001$.

Table S9. Statistical analysis of changes in vascular parameters in choroid.

| CHOROID | Before | 1 week after | 1 month after | 3 months after | 6 months after | p | Change |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------|--------|
| EA (mm ²) | 8.3802 (8.3791- 8.3812) | 8.3803 (8.3791- 8.3812) | 8.3800 (8.3791- 8.3807) | 8.3800 (8.3791- 8.3809) | 8.3801 (8.3791- 8.3809) | 0.359 | 0.00% |
| VA (mm ²) | 5.6874 (5.4705- 5.8991) | 5.5657 (5.3586- 5.7712) | 5.5691 (5.3594- 5.7349) | 5.5739 (5.3481- 5.7323) | 5.5278 (5.3234- 5.7335) | <0.001 | -2.14% |
| VPA (%) | 67.8640 (65.2963- 70.3878) | 66.4090 (63.9407- 68.8593) | 66.4687 (64.0577- 68.4274) | 66.5272 (63.9207- 68.4411) | 66.1934 (63.5885- 68.4478) | <0.001 | -2.14% |
| TNJ | 1499 (1453- 1564) | 1530 (1469- 1596) | 1549 (1483- 1589) | 1537 (1492- 1603) | 1539 (1499- 1590) | 0.001 | 1.32% |
| JD (junctions/ mm ²) | 180.5265 (173.5863- 186.6140) | 182.9515 (175.4667- 190.4935) | 184.8182 (176.9989- 189.6404) | 183.4202 (178.0604- 191.2431) | 183.7723 (178.8927- 189.8698) | <0.001 | 1.34% |
| TVL (mm) | 152.9726 (149.5086- 155.7017) | 153.0903 (149.4116- 155.8366) | 153.6118 (150.1565- 156.1263) | 153.0702 (150.7052- 155.9868) | 153.2636 (150.6808- 155.9098) | 0.319 | 0.08% |
| AVL (mm) | 10.0777 (6.5411- 15.3401) | 10.1020 (6.4623- 14.2535) | 9.7952 (7.1834- 15.4482) | 11.5864 (7.0002- 15.7957) | 11.6441 (6.8459- 15.8033) | 0.839 | 0.24% |
| TNEP | 199 (162- 249) | 215 (172- 250) | 208 (176- 244) | 210 (168- 255) | 206 (174-258) | <0.001 | 8.04% |
| ML | 0.01311 (0.01130- 0.01628) | 0.01382 (0.01174- 0.01658) | 0.01383 (0.01176- 0.01569) | 0.01348 (0.01165- 0.01671) | 0.01373 (0.01164- 0.01597) | 0.113 | 5.44% |

EA = explant area; VA = vessels area; VPA = vessels percentage area; TNJ = total number of junctions; JD = junctions density; TVL = total vessels length; AVL = average vessels length; TNEP = total number of end points; ML = mean lacunarity.

The table shows median and interquartile ranges for each parameter (25th and 75th percentile). P values and percentages of change are presented one week after phacoemulsification.

Friedman ANOVA test, significant difference (bold values) was found for values with p < 0.001.