

Supplementary Online Content

Suwan Y, Fard MA, Geyman LS, et al. Association of myopia with peripapillary perfused capillary density in patients with glaucoma: an optical coherence tomography angiography study. *JAMA Ophthalmol*. Published online April 5, 2018. doi:10.1001/jamaophthalmol.2018.0776

eTable 1. Comparisons between MNG vs Control and NMG and MG.

eTable 2. Post hoc Comparisons of Global and Annular PCD.

eTable 3. Post hoc Comparisons of Sectoral PCD among NMG, MNG, and MG.

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Comparisons between MNG vs Control and NMG and MG.

| | Mean Difference (%) | 95%Confidence Interval |
|---|----------------------------|-------------------------------|
| MNG vs Control | | |
| MD (dB) | -0.59 | -1.334, 0.162 |
| PSD (dB) | -0.063 | -0.698, 0.573 |
| RNFLT (microns) | -8.213 | -15.182, -1.249 |
| NMG vs MG | | |
| MD (dB) | 0.529 | -1.849, 2.908 |
| PSD (dB) | -0.464 | -1.737, 0.808 |
| RNFLT (microns) | -8.156 | -12.654, -3.657 |
| Analyzed by Marginal Model of Generalized Estimating Equations Adjusted for Age | | |
| MNG = myopia without glaucoma; NMG = glaucoma without myopia; MG = myopic glaucoma; MD = mean deviation; PSD = pattern standard deviation; RNFLT: retinal nerve fiber layer thickness | | |

eTable 2. Post hoc Comparisons of Global and Annular PCD.

| Global PCD | Control | NMG | MNG | MG |
|--------------------|----------------|------------|------------|-----------|
| Control | 1 | <0.001* | 0.523 | <0.001* |
| NMG | | 1 | 0.002* | 0.002 |
| MNG | | | 1 | <0.001* |
| MG | | | | 1 |
| Annular PCD | Control | NMG | MNG | MG |
| Control | 1 | <0.001* | 0.652 | <0.001* |
| NMG | | 1 | 0.003* | 0.007* |
| MNG | | | 1 | <0.001* |
| MG | | | | 1 |

Analyzed by Tukey's honest significant difference.

* Shows the mean difference is significant at the 0.05 level.

PCD = peripapillary perfused capillary density; MNG = myopia without glaucoma; NMG = glaucoma without myopia; MG = myopic glaucoma

eTable 3. Post hoc Comparisons of Sectoral PCD among NMG, MNG, and MG.

| NMG | Superior | Nasal | Inferior | Temporal |
|---|-----------------|--------------|-----------------|-----------------|
| Superior | 1 | 0.314 | 0.011 | 0.002 |
| Nasal | | 1 | 0.002 | <0.001 |
| Inferior | | | 1 | 0.535 |
| Temporal | | | | 1 |
| MNG | | | | |
| Superior | 1 | 0.548 | 0.832 | 0.016 |
| Nasal | | 1 | 0.468 | 0.052 |
| Inferior | | | 1 | 0.133 |
| Temporal | | | | 1 |
| MG | | | | |
| Superior | 1 | 0.502 | <0.001 | <0.001 |
| Nasal | | 1 | 0.002 | 0.004 |
| Inferior | | | 1 | 0.949 |
| Temporal | | | | 1 |
| MNG = myopia without glaucoma; NMG = glaucoma without myopia; MG = myopic glaucoma | | | | |