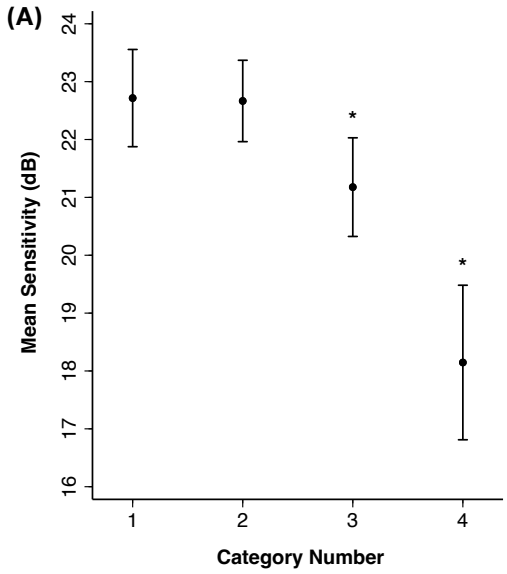
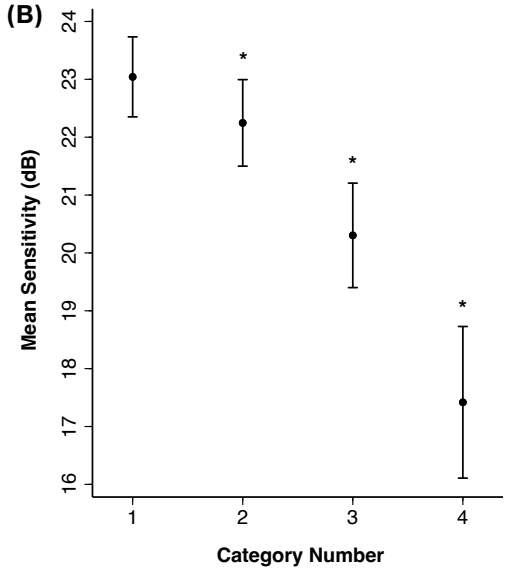
SUPPLEMENTARY MATERIALS

Supplementary Figure 1 illustrates how the findings of the difference in the number of locations with deep visual sensitivity defects ≤10 and ≤0 dB based on the three different set of combinations of optical coherence tomography (OCT) features were also seen when evaluating the mean sensitivity (MS) of all the microperimetry test locations. For the first set of combinations (described in the Results section), the MS was significantly lower for lesions in categories 3 and 4 ($P \leq 0.001$), but not category 2 ($P = 0.884$), when compared to category 1. Lesions in categories 3 and 4 also had a significantly lower MS compared to lesions in categories 2 and 3 respectively (i.e., their lower neighboring category; $P < 0.001$). For the second set of combinations (also described in the Results section), the MS was significantly lower for lesions in categories 2, 3 and 4 when compared to category 1 ($P \leq 0.023$). Lesions in categories 3 and 4 also had a significantly lower MS compared to lesions in categories 2 and 3 respectively ($P < 0.001$). Findings for the third set of combinations (again, described in the Results section) were similar to those for the second set of combinations, where the MS was significant lower for lesions in categories 2, 3, and 4 when compared to category 1 ($P \leq 0.006$). Similarly, lesions in categories 3 and 4 had a significantly lower MS compared to lesions in categories 2 and 3 respectively ($P < 0.001$).



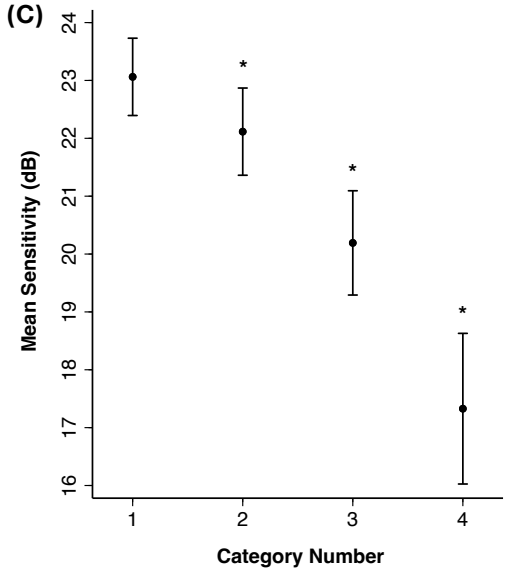
Category Number	1	2	3	4
Choroidal Signal Hypertransmission				
1 – 249 µm	✓			
250 – 499 µm		✓		
≥500 µm			✓[#]	✓
RPE Attenuation or Disruption				
1 – 249 µm	✓			
≥250 µm		✓	✓	
Complete RPE Loss ≥250 µm			✓[#]	✓
Evidence of Overlying PR Degeneration	✓	✓	✓	✓

[#] = presence of either of these two features



Category Number	1	2	3	4
Subsidence of INL and OPL, or Hyporeflective Wedge-Shaped Band, ≥500 µm		✓[†]	✓[#]	✓
Choroidal Signal Hypertransmission ≥500 µm		✓[†]	✓[#]	✓
Complete RPE Loss ≥250 µm		✓[†]	✓[#]	✓

[†] = presence of one of these three features
[#] = presence of either of these two features



Category Number	1	2	3	4
Subsidence of INL and OPL, or Hyporeflective Wedge-Shaped Band, ≥500 µm		✓	✓	✓
Choroidal Signal Hypertransmission ≥500 µm			✓[#]	✓
Complete RPE Loss ≥250 µm			✓[#]	✓

[#] = presence of either of these two features

Supplementary Figure 1*: Differences in the mean sensitivity (from 37 locations tested) based on three different set of combinations of optical coherence tomography (OCT) features (****left****). Each set*

*of combination (**A**, **B** and **C**) involved four categories, and the criteria for meeting each category are indicated in their respective tables (**right**; "✓" = required feature); lesions were always assigned the highest category that it met the criteria for. Note: * = statistically significant at P < 0.05 compared to category 1 or each category compared to their lower neighboring category (e.g., category 4 compared to category 3); RPE = retinal pigment epithelium; PR = photoreceptor; INL = inner nuclear layer; OPL = outer plexiform layer.*