**Supplementary Online Content**


**eFigure 1.** SS-OCTA Imaging of Case 1 (Patient 6 in Table 1)

**eFigure 2.** Multimodal Imaging of Case 2 (Patient 1 in Table)

**eFigure 3.** Multimodal Imaging of Case 3 (Patient 2 in Table 1)

**eFigure 4.** Polypoidal Lesions Not Detected on ICGA Corresponding to PEDs on OCT B-scan

This supplementary material has been provided by the authors to give readers additional information about their work.
Figure 1. SS-OCTA Imaging of Case 1 (Patient 6 in Table 1)

(A-D) Four polypoidal lesions on SS-OCTA images and the related PED corresponding to B-scan. (E) Enlarged SS-OCTA (red rectangle in [A]) shows vascular tangles in detail. (F) Enlarged SS-OCTA (red rectangle in [B]) shows vascular tangles in detail. (G) Enlarged SS-OCTA (red rectangle in [C]) shows round vascular tangles in detail. (H) Enlarged SS-OCTA (red rectangle in [D]) shows vascular tangles in detail. (I) SS-OCTA images show dense vascular lesions before photodynamic therapy (PDT). (J) SS-OCTA images show shrunken vascular tangles as well as BVN 1 month after PDT. (K) SS-OCTA images show recurrent vascular tangles 2 month after PDT. (L) SS-OCTA images show more vascular tangles and newly developed vascular tangles (yellow arrowhead) 4 months after PDT.
eFigure 2. Multimodal Imaging of Case 2 (Patient 1 in Table)

(A and B) Early and late stage of FA shows “smokestack” leakage (yellow arrowhead). (C and D) Early and late stage of ICGA shows focal polypoidal lesion (yellow arrowhead) and BVN. (E) SS-OCTA and B-scan images show BVN (red arrowheads) and polypoidal lesion that appear as tangled vessels (yellow arrowhead) when the slab was segmented between the RPE and BM before anti-VEGF treatment. (F) Two months after the second anti-VEGF treatment, SS-OCTA images show regression of the terminal vessels in the polypoidal lesions and appear as tangled dilated vessels connected to the BVN. The polypoidal signal and BVN (yellow arrowhead) on SS-OCTA were corresponding to peaked PED (yellow arrowhead) and double layer sign (yellow arrow) on B-scan.
eFigure 3. Multimodal Imaging of Case 3 (Patient 2 in Table 1)

(A) The fundus photograph shows orange-red polypoidal lesions (white arrowheads). (B) SS-OCT shows PED (yellow arrows), double layer sign (yellow arrowheads) and lesions overlaying and beneath the RPE. (C and D) Early and late phase of FA shows expanded leakage of type 2 NV in the macular area. (E) Middle phase of ICGA shows cluster-like polypoidal lesions. (F) Enlarged ICGA (red rectangle in [E]) showing 6 polypoidal lesions and type 2 NV. (G) SS-OCTA showing tangled vessel structures (yellow arrowheads) corresponding to polypoidal lesions in (F) (yellow arrowheads).(H) Schematic drawing shows relationship of tangled vessel structures and NVs (red stands for type 1 NV and blue stands for type 2 NV).
**eFigure 4.** Polypoidal Lesions Not Detected on ICGA Corresponding to PEDs on OCT B-scan

(A and B) Polypoidal lesions with red arrowhead on SS-OCTA images, which was not detected on ICGA, was corresponded to PED at OCT B-scans.