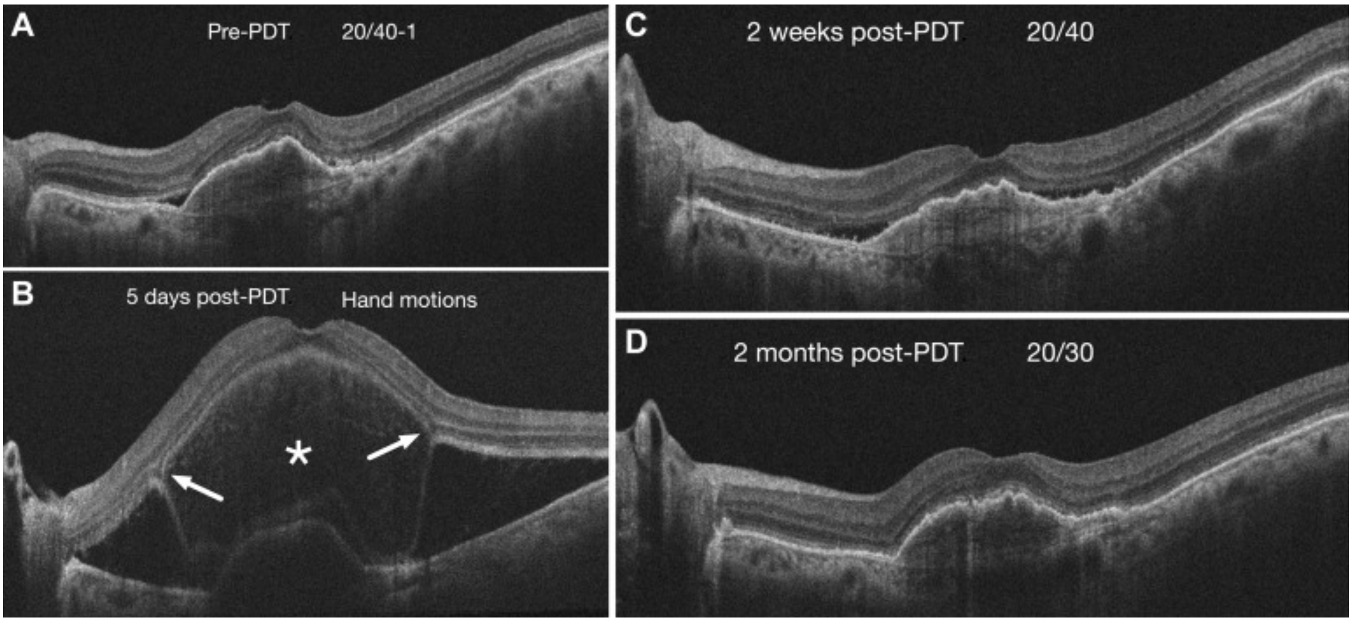
Bacillary Layer Detachment after Photodynamic Therapy



A woman with exudative age-related macular degeneration (AMD) and persistent subretinal fluid, despite monthly aflibercept injections, underwent photodynamic therapy (**A**, **B**). Five days after half-fluence photodynamic therapy, her vision decreased from 20/40-1 to hand motions resulting from increased subretinal fluid and the schisis of the photoreceptor inner segment myoid, termed as bacillary layer detachment (**C**, star: intraretinal cavity; arrows: schisis between photoreceptor nuclei and the mitochondria-rich ellipsoid zone). One week later, the bacillary detachment resolved, and after 2 months, her vision improved to 20/30 (**D**). Bacillary layer detachment is unreported after photodynamic therapy in patients with exudative AMD. Schisis may arise from severe exudation and retinal pigment epithelium pump dysfunction.