

Ophthalmic Images

Visualization of Short Posterior Ciliary Artery Insertion Due to Posterior Staphyloma and Myopic Chorioretinal Atrophy

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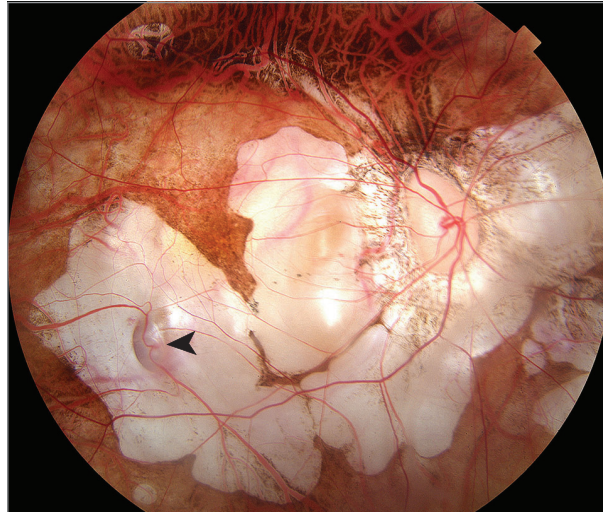


Figure. Color fundus photograph of the right eye showing a short posterior ciliary artery emerging from a bulge contained within a macular staphyloma (arrowhead), located inside another type II staphyloma.

A patient in their early 50s with diagnosed myopia presented with pathological signs on fundus examination (ie, diffuse retinal pigment epithelial attenuation, retinal atrophy, and posterior staphyloma), for which they underwent complete imaging workup. Fundus photography permitted the visualization of an unusual insertion of a short posterior ciliary artery (SPCA), which is imperceptible in normal eyes (**Figure**). SPCAs are branches of the ophthalmic artery as it crosses

the optic nerve. These vessels enter the eye perpendicularly through the sclera and feed the choriocapillaris lobules. SPCAs may also emerge in the macular region.¹ In highly myopic eyes, on the other hand, their entry sites into the choroid may be displaced to the midperiphery close to the edge of a posterior staphyloma.² There is a possibility that myopic choroidal neovascularization could originate from deeply situated scleral vessels³ such as SCPAs.

ARTICLE INFORMATION

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