

Zika, cobalamin C deficiency tied to similar retinal problems

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(HealthDay)—Retinal maldevelopment associated with congenital Zika

syndrome (CZS) is similar to the maldevelopment seen with cobalamin C (cblC) deficiency, according to a study published online Sept. 7 in *JAMA Ophthalmology*.

Tomas S. Aleman, M.D., from the University of Pennsylvania in Philadelphia, and colleagues quantified the microstructural changes of the retina in eight infants with CZS and compared these changes to those associated with cblC deficiency in eight children.

The researchers found that all eight patients with CZS had foveal abnormalities in the analyzed eyes (eight eyes), including discontinuities of the ellipsoid zone, thinning of the central retina with increased backscatter, and severe structural disorganization. Three eyes showed macular pseudocolobomas. In seven of eight eyes with a normal photoreceptor layer, pericentral [retina](#) with normal lamination showed a thinned (

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