Arteriovenous malformation in Wyburn-Mason syndrome

Category(ies): Retina, Vitreous, Pediatrics

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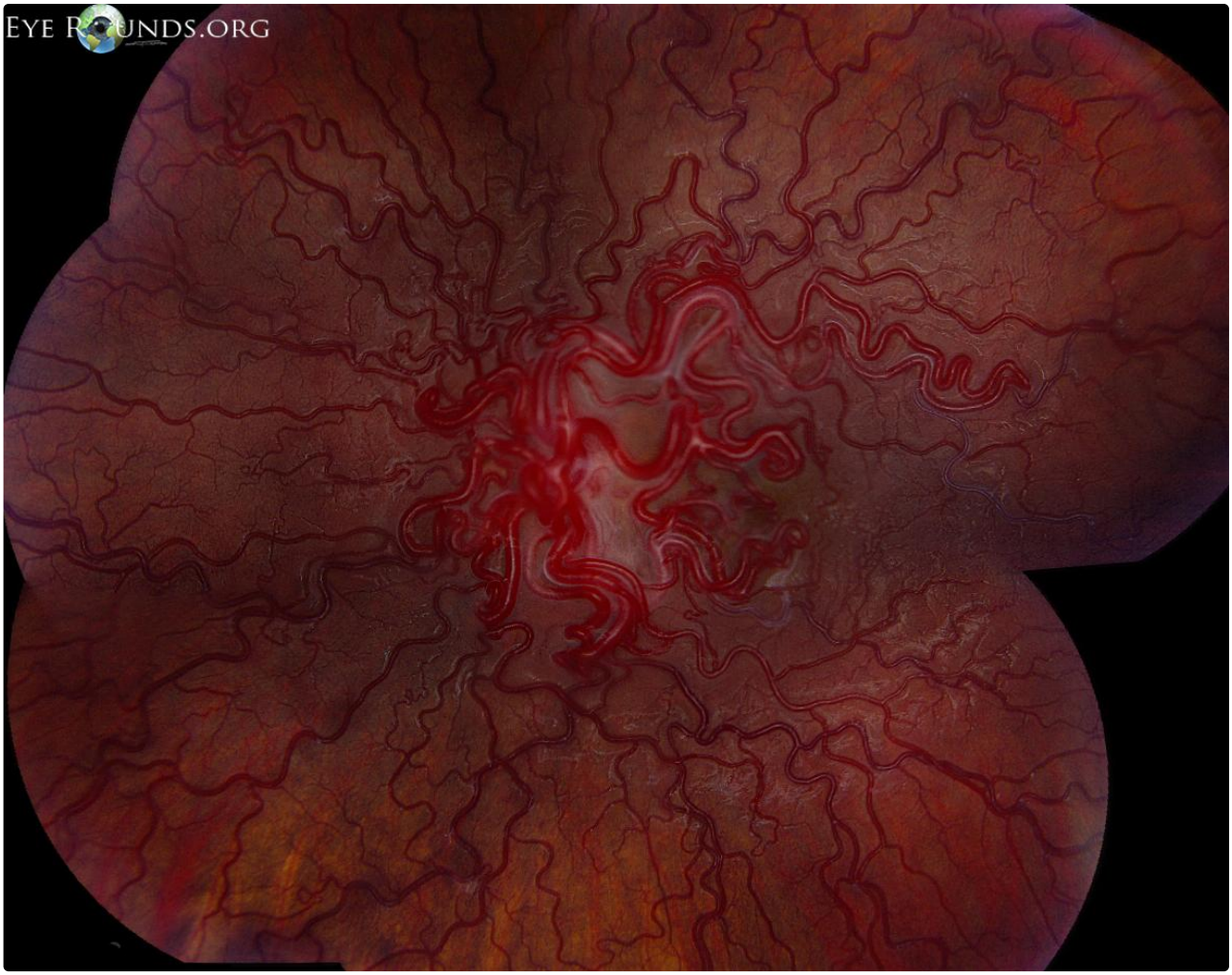
Wyburn-Mason syndrome (racemose hemangiomatosis) is a non-hereditary, unilateral condition characterized by retinal arteriovenous malformations composed of dilated, tortuous vessels which shunt blood between arteries and veins. Patients can also have arteriovenous malformations of the orbit, facial bones, and brain with secondary neurologic symptoms.

Below are fundus photographs from two patients with Wyburn-Mason syndrome



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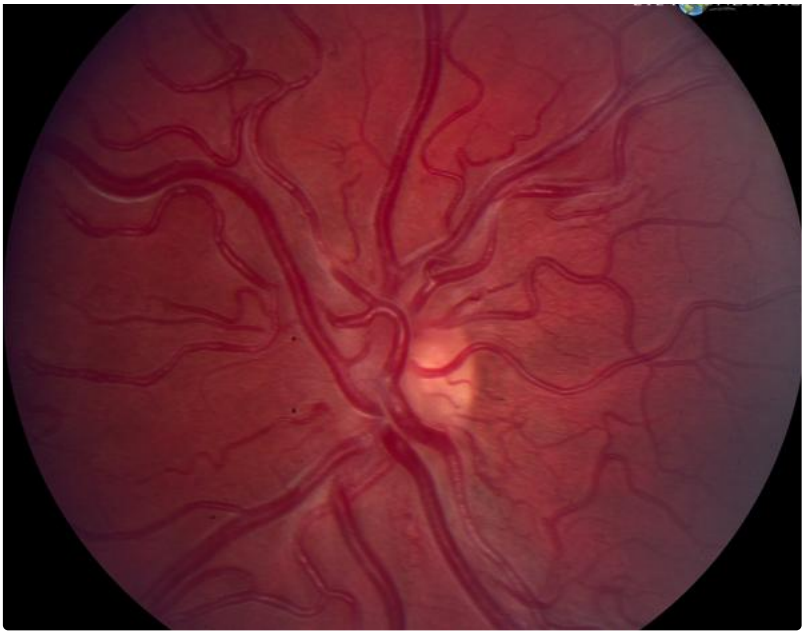

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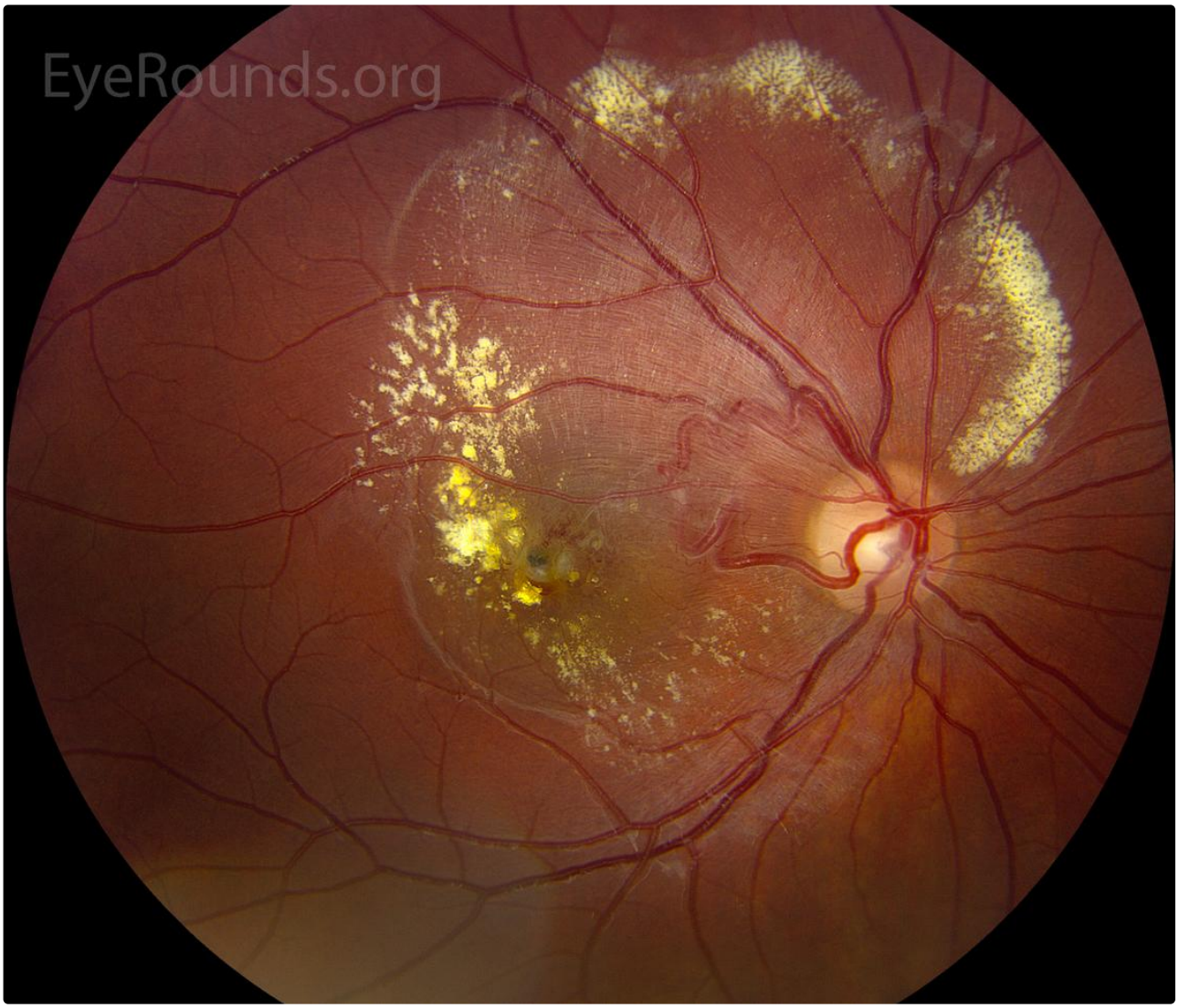

This picture is an example of a group II retinal arteriovenous malformation in which there is direct artery to vein communication without intervening

capillary or arteriolar elements causing hyperdynamic flow through low resistance veins that has resulted in edema.

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