We report the case of a 48 years old woman, with no relevant medical history, who presented a spontaneous hyphema in her right eye. In the examination we found iris microhemangiomas at the pupillary margin in both eyes, but most abundant in the left eye. The hyphema resolved with medical treatment and she has not had a new hyphema up to date.

Iris microhemangiomas, also called vascular tufts, are the most common iris vascular tumor. Iris fluorescein angiography become rapidly fluorescent and often leaks dye, revealing more vascular tufts than suspected clinically. Iris microhemangiomas have been associated with myotonic dystrophy and diabetes mellitus. Sometimes iris vascular tufts can bleed, but recurrent hyphema is unusual. Some authors have treated them with argon photocoagulation to prevent rebleeding or to minimize the risk of intraoperative hemorrhage during cataract surgery.