



Images in clinical medicine



"Keyhole-shaped pupil" mimicking the appearance of iris coloboma!

Taouri Narjisse, Boutimzine Nourdine

Corresponding author: Taouri Narjisse, Mohammed V University Souissi, Department A of Ophthalmology, Rabat, Morocco. ophtalmo-taouri@outlook.fr

Received: 27 Dec 2020 - Accepted: 03 Apr 2021 - Published: 06 Apr 2021

Keywords: Sphincter rupture, blunt trauma, iris

Copyright: Taouri Narjisse et al. PAMJ Clinical Medicine (ISSN: 2707-2797). This is an Open Access article distributed under the terms of the Creative Commons Attribution International 4.0 License (https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Cite this article: Taouri Narjisse et al. "Keyhole-shaped pupil" mimicking the appearance of iris coloboma!. PAMJ Clinical Medicine. 2021;5(79). 10.11604/pamj-cm.2021.5.79.27598

Available online at: https://www.clinical-medicine.panafrican-med-journal.com//content/article/5/79/full

"Keyhole-shaped pupil" mimicking the appearance of iris coloboma!

Taouri Narjisse^{1,&}, Boutimzine Nourdine¹

¹Mohammed V University Souissi, Department A of Ophthalmology, Rabat, Morocco

*Corresponding author

Taouri Narjisse, Mohammed V University Souissi, Department A of Ophthalmology, Rabat, Morocco

Image in medicine

We report a case of a 25 years old patient, with no significant medical history. Who presented to the ophthalmic emergencies for contusive trauma of his left eye. The slit lamp examination revealed temporal subconjunctival hemorrhage, and examination with diffuse illumination of the pupillary space revealed a sphincter rupture with a tear in the iris stroma giving the appearance of "keyhole-shaped pupil", mimicking the appearance of the typical aspect of an iris coloboma. The rest of the ophthalmological examination did not find any involvement of the lens or the posterior pole.

Article 👌





Figure 1: "Keyhole-shaped" pupil which corresponds to a tear in the inferonasal of the iris stroma