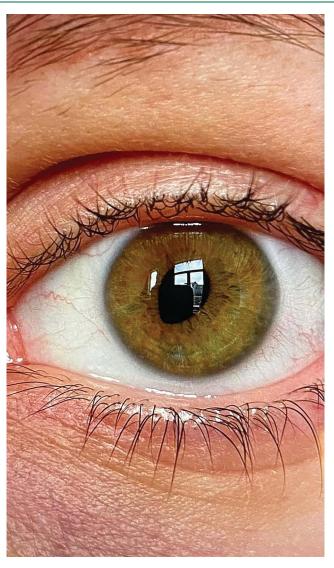
Teaching Video NeuroImage: Tadpole Pupil

Amel Thaninna Lamri, MD, Laura Van Den Eeckhaute, MD, and Tom Buelens, MD $Neurology ^{@}~2023;100:215-216.~doi:10.1212/WNL.0000000000201515$

Correspondence Dr. Lamri amel.lamri@ulb.be

Figure Left Eye of the Patient During an Episode of Tadpole Pupil



MORE ONLINE

Teaching slides

http://links.lww.com/ WNL/C463



We can see an irregular, tear-shaped deformation of the pupil.

A 27-year-old healthy woman reported short episodes (15–30 seconds) of unilateral blurred vision in the left eye, during which an irregular shape of her left pupil was observed. She had no other symptoms. At presentation, pupils were equal in size and reactive to light, and there was no dilation lag, no eyelid ptosis, and eye motility was full. Diagnosis of tadpole pupil was made based on

photographs taken by the patient herself (Figure) (Video 1). Because of a close association with Horner syndrome, sympathetic denervation hypersensitivity has been considered as an underlying mechanism. However, pharmacologic testing was negative (both cocaine 10% and apraclonidine 0.5%).

Study Funding

The authors report no targeted funding.

Disclosure

The authors report no relevant disclosures. Go to Neurology. org/N for full disclosures.

Publication History

Received by *Neurology* December 30, 2021. Accepted in final form September 20, 2022. Submitted and externally peer reviewed. The handling editor was Roy Strowd III, MD, Med, MS.

Appendix Authors		
Name	Location	Contribution
Amel Thaninna Lamri, MD	Department of Ophthalmology, CHU Saint- Pierre, Brussels, Belgium	Drafting/revision of the manuscript for content, including medical writing for content; major role in the acquisition of data
Laura Van Den Eeckhaute, MD	Department of Ophthalmology, CHU Saint- Pierre, Brussels, Belgium	Major role in the acquisition of data; analysis or interpretation of data
Tom Buelens, MD	Department of Ophthalmology, CHU Saint- Pierre, Brussels, Belgium	Drafting/revision of the manuscript for content, including medical writing for content; major role in the acquisition of data; analysis or interpretation of data

Call for Voices: Lived Experiences

The Editor of the *Neurology* specialty section Inclusion, Diversity, Equity, Anti-racism, & Social Justice (IDEAS) encourages you to submit short first-person accounts (1,000 words or less) of experiences lived within the realm of IDEAS with the goal of informing and enlightening our community on these critical issues. Some topics to consider include, but are not limited to:

- Descriptions of personal experiences that shaped your views of IDEAS.
- Reflections on the intersection between personal identity and career.
- · Discussions at the intersection of IDEAS and neurology patient care, research, education, advocacy, or policy.

Submit your contributions to journal@neurology.org and include "Voices Submission" in the subject line.

Disputes & Debates: Rapid Online Correspondence

The editors encourage comments on recent articles through Disputes & Debates:

Access an article at Neurology.org/N and click on "MAKE COMMENT" beneath the article header.

Before submitting a comment to Disputes & Debates, remember the following:

- Disputes & Debates is restricted to comments about articles published in *Neurology* within 6 months of issue date, but the editors will consider a longer time period for submission if they consider the letter a significant addition to the literature
- Read previously posted comments; redundant comments will not be posted
- Your submission must be 200 words or less and have a maximum of 5 references; the first reference must be the article on which you are commenting
- You can include a maximum of 5 authors (including yourself)



Teaching Video NeuroImage: Tadpole Pupil

Amel Thaninna Lamri, Laura Van Den Eeckhaute and Tom Buelens
Neurology 2023;100;215-216 Published Online before print November 2, 2022
DOI 10.1212/WNL.000000000201515

This information is current as of November 2, 2022

Updated Information & including high resolution figures, can be found at: **Services** http://n.neurology.org/content/100/4/215.full

Subspecialty Collections This article, along with others on similar topics, appears in the

following collection(s): All Neuro-ophthalmology

http://n.neurology.org/cgi/collection/all_neuroophthalmology

Pupils

http://n.neurology.org/cgi/collection/pupils

Stroke in young adults

http://n.neurology.org/cgi/collection/stroke_in_young_adults

Visual loss

http://n.neurology.org/cgi/collection/visual_loss

Visual processing

http://n.neurology.org/cgi/collection/visual_processing

Permissions & Licensing Information about reproducing this article in parts (figures, tables) or in

its entirety can be found online at:

http://www.neurology.org/about/about_the_journal#permissions

Reprints Information about ordering reprints can be found online:

http://n.neurology.org/subscribers/advertise

Neurology ® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2022 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

