



Fig. 2 Documented OCT changes at follow up visit. A (Top): OCT imaging focal areas of paracentral hyper-reflectivity of the outer plexiform layer and outer nuclear layer with disruption of the ellipsoid zone. **B (Bottom):** oval hypo-reflective lesions located inferonasal and superotemporal to the fovea via Infrared reflectance imaging.

signs, it may be under-reported. Our case supports Bohler et al., lending support to the hypothesis that marked systemic inflammation following vaccination may represent a possible risk factor for AMN in young women on oral contraceptives.

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REFERENCES

- Bohler AD, Strom ME, Sandvig KU, Moe MC, Jorstad OK. Acute macular neuroretinopathy following COVID-19 vaccination. *Eye*. 2021;1–2. <https://doi.org/10.1038/s41433-021-01610-1>.
- Mambretti M, Huemer J, Torregrossa G, Ullrich M, Findl O, Casalino G. Acute macular neuroretinopathy following coronavirus disease 2019 vaccination. *Ocul Immunol Inflamm*. 2021;1–4. <https://doi.org/10.1080/09273948.2021.1946567>.
- Book BAJ, Schmidt B, Foerster AMH. Bilateral acute macular neuroretinopathy after vaccination against SARS-CoV-2. *JAMA Ophthalmol*. 2021;139:e212471.
- Michel TSN, Gascon P, Dupessey F, Comet A, Attia R, David T, et al. Acute macular neuroretinopathy after COVID-19 vaccine. 2021. *J Ophthalm Inflamm Infect*. <https://doi.org/10.21203/rs.3.rs-632137/v1>.

- Bhavsar KV, Lin S, Rahimy E, Joseph A, Freund KB, Sarraf D, et al. Acute macular neuroretinopathy: a comprehensive review of the literature. *Surv Ophthalmol*. 2016;61:538–65.

AUTHOR CONTRIBUTIONS

SC was responsible for the patient consultation and analysis. SC and CH were responsible for writing the report, extracting and preparation of the images and final review of the correspondence.

COMPETING INTERESTS

The authors declare no competing interests.

ADDITIONAL INFORMATION

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