

Uveitis associated with dermatites in tatto area: A case report

Rafael Montanholi Martins; Gabriel Henrique Guimaraes Oliveira;
Gabriela Mousse de Carvalho; Joacy Pedro Franco David; Arthur
Sampaio Zupelli, Leonardo Luis Cassoni; João Pedro Romero Braga;

Purpose:

This abstract aims to present the case of a 28 years old, male, professional tattoo artist with acute bilateral uveitis. The patient arrived at our emergency, with 2 months of classic anterior uveitis symptoms plus itching, redness and skin peeling over some of the tattoos (on the back and right arm). He has painted the skin of, all four limbs, chest, back and face. He also denies infections, vaccination, illness, travels or use of medication.

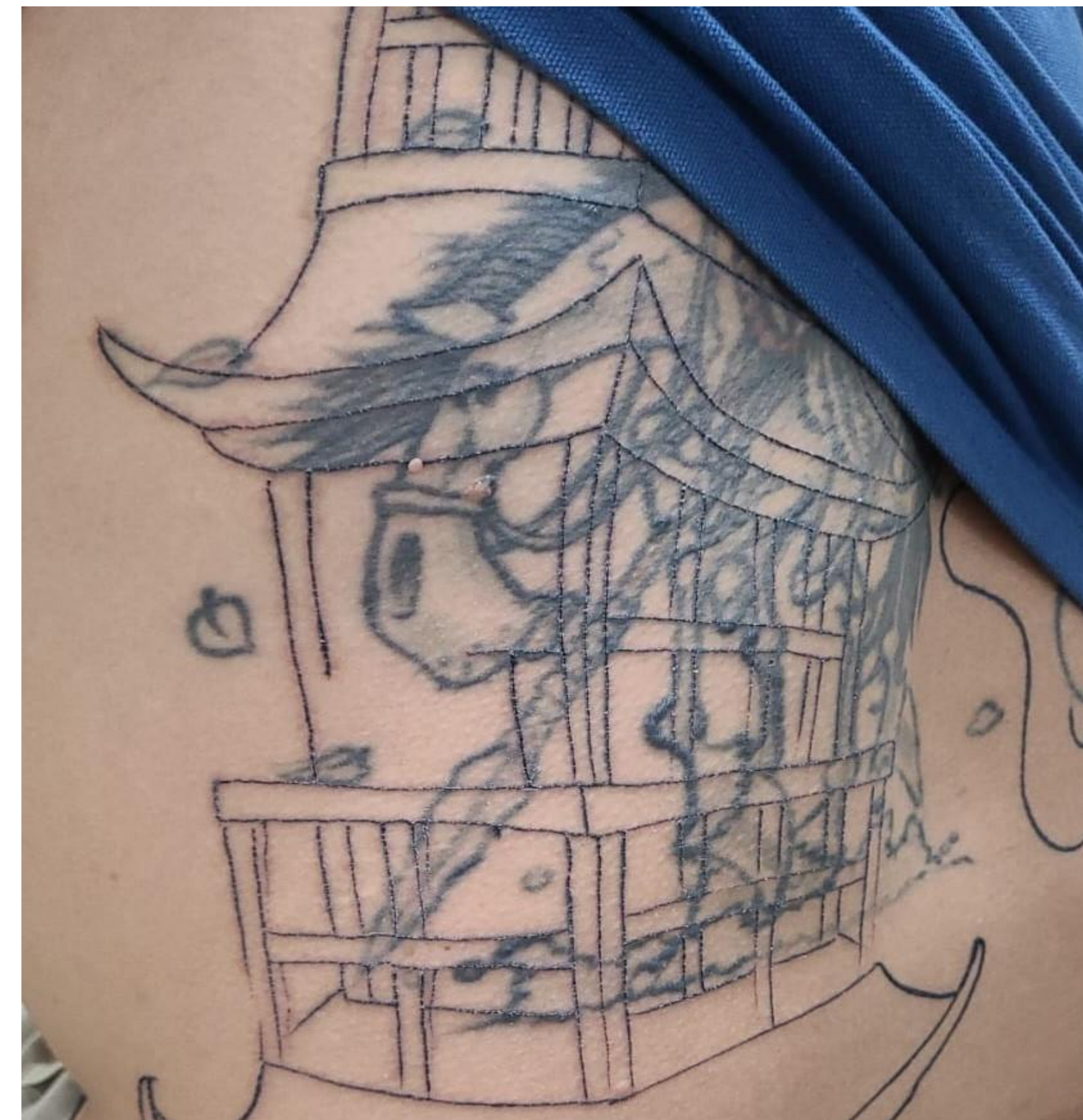


Figure 1: Patient's back with redness, and skin peeling

Methods:

- The patient had regular appointments with our team, underwent the normal routine of our service with complete eye exam, infectious and inflammatory tests, macular OCT, optic nerve OCT, retinography and retina mapping.

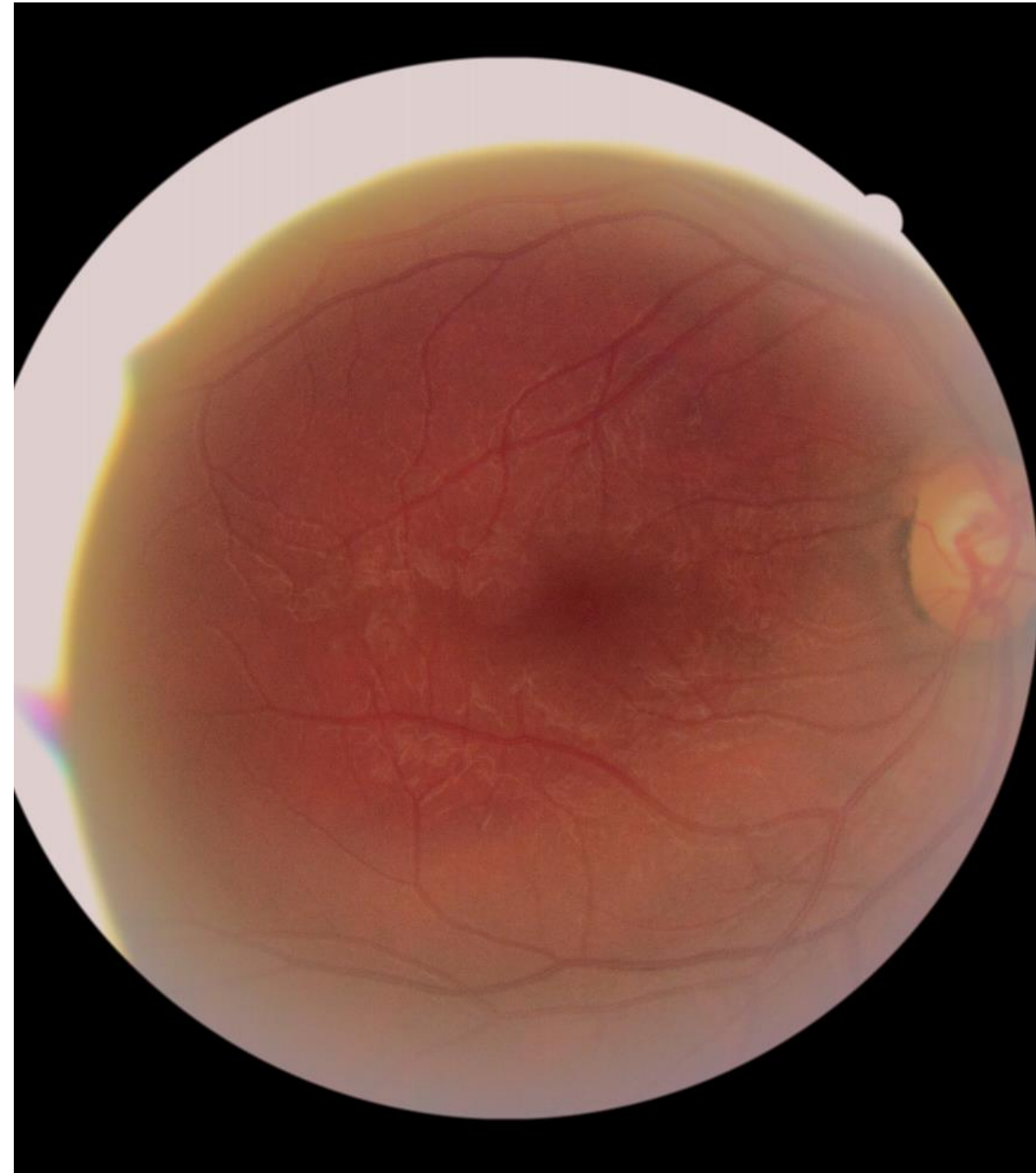
Exam	Results
HB	14,4
HT	42%
VCM	90
PLATELETS	140.000
WHITE CELLS	7400
EUSINOPHILS	6,2%
SEGMENTED	50,6%

Figure 2: Patients Exams

*NR: Non-reactive

Exam	Results
PPD	NR
VDRL	NR
FTABS	NR
HIV	NR
HBSAG	NR
HCV	NR
TOXOCARIASIS	NR
TOXOPLASMOSIS	NR (IGG, IGM)
CMV (IGG)	+ (58,10)
CMV (IGM)	NR
ANA	NR
RHEUMATOID FACTOR	NR
PCR	0,26 MG/DL
UR	29 MG/DL
CR	1,14 MG/DL

OD



OS

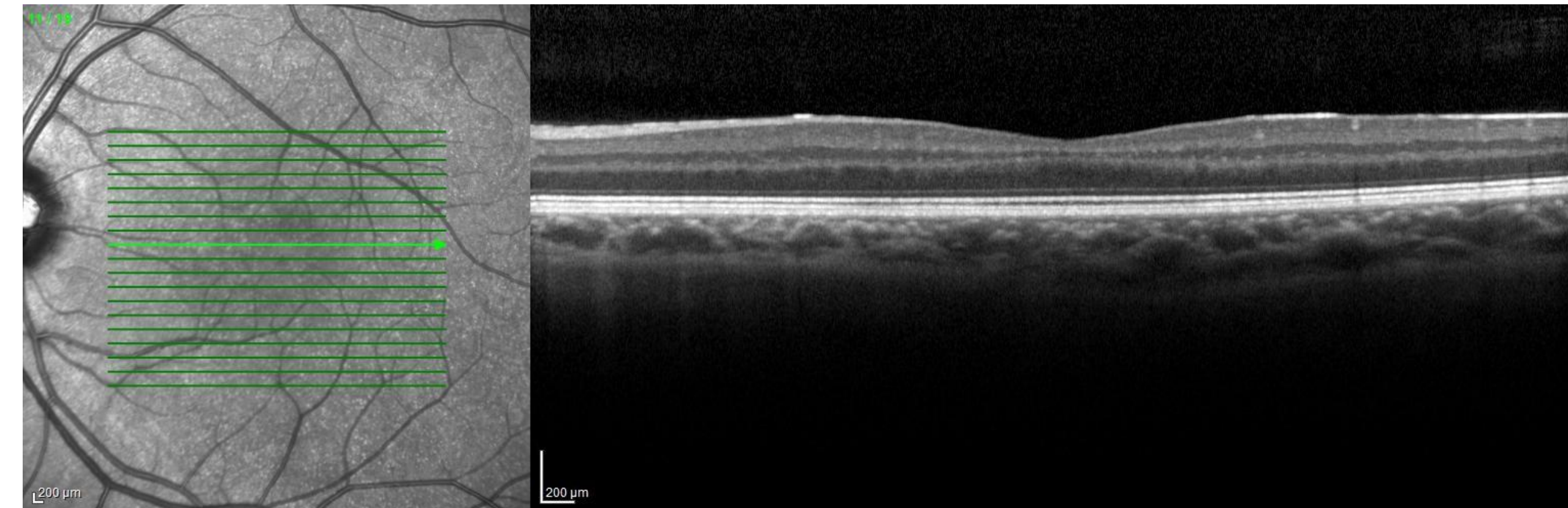
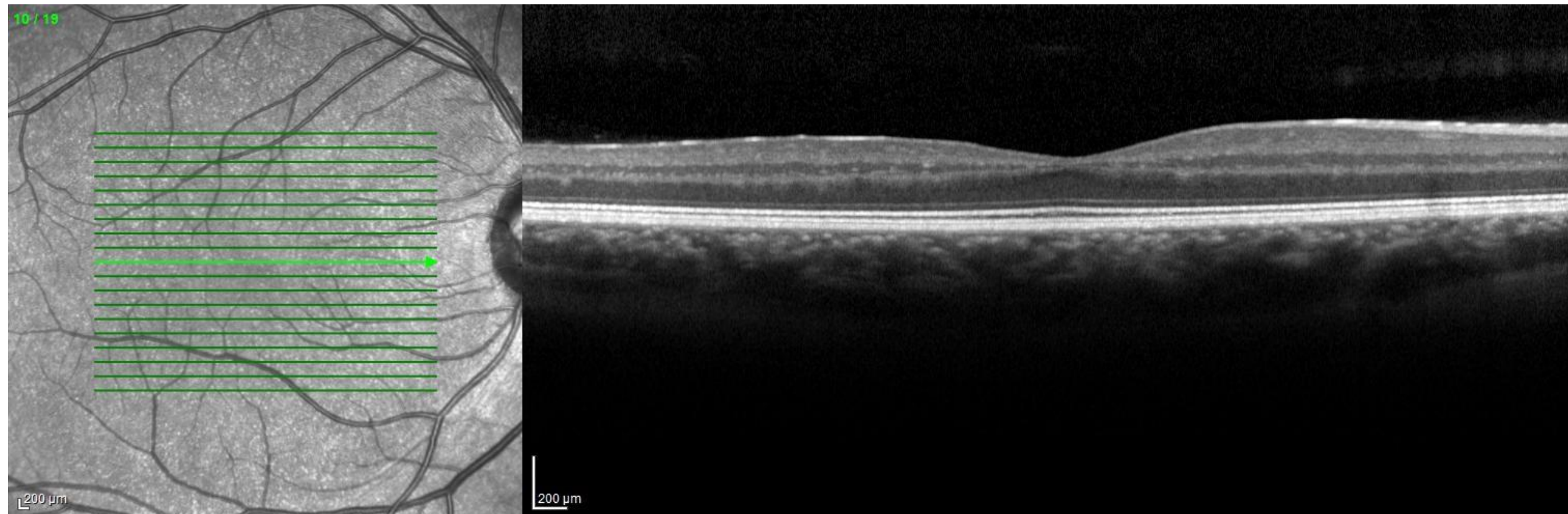


Figure 3: Patient's Retinography, Macular OCT.

Results

- It was observed in both eyes by the first complete ophthalmological examination and retinal mapping: reduced visual acuity, conjunctival redness, transparent cornea without adhered pigments, important anterior chamber reaction, iris without posterior synechiae. There were no changes in the vitreous examination.
- The infectious and inflammatory tests, comeback without any positive results. The macular OCT, optic nerve OCT, retinography were without abnormalities.
- After that, it was started treatment with eye topical corticosteroids in progressively withdrawn. The patient was without symptoms or anterior chamber reaction after 2 weeks with full recovery of visual ability
- He keeps the follow-up at our service, but due to the patient's personal problems he ends up missing many appointments.

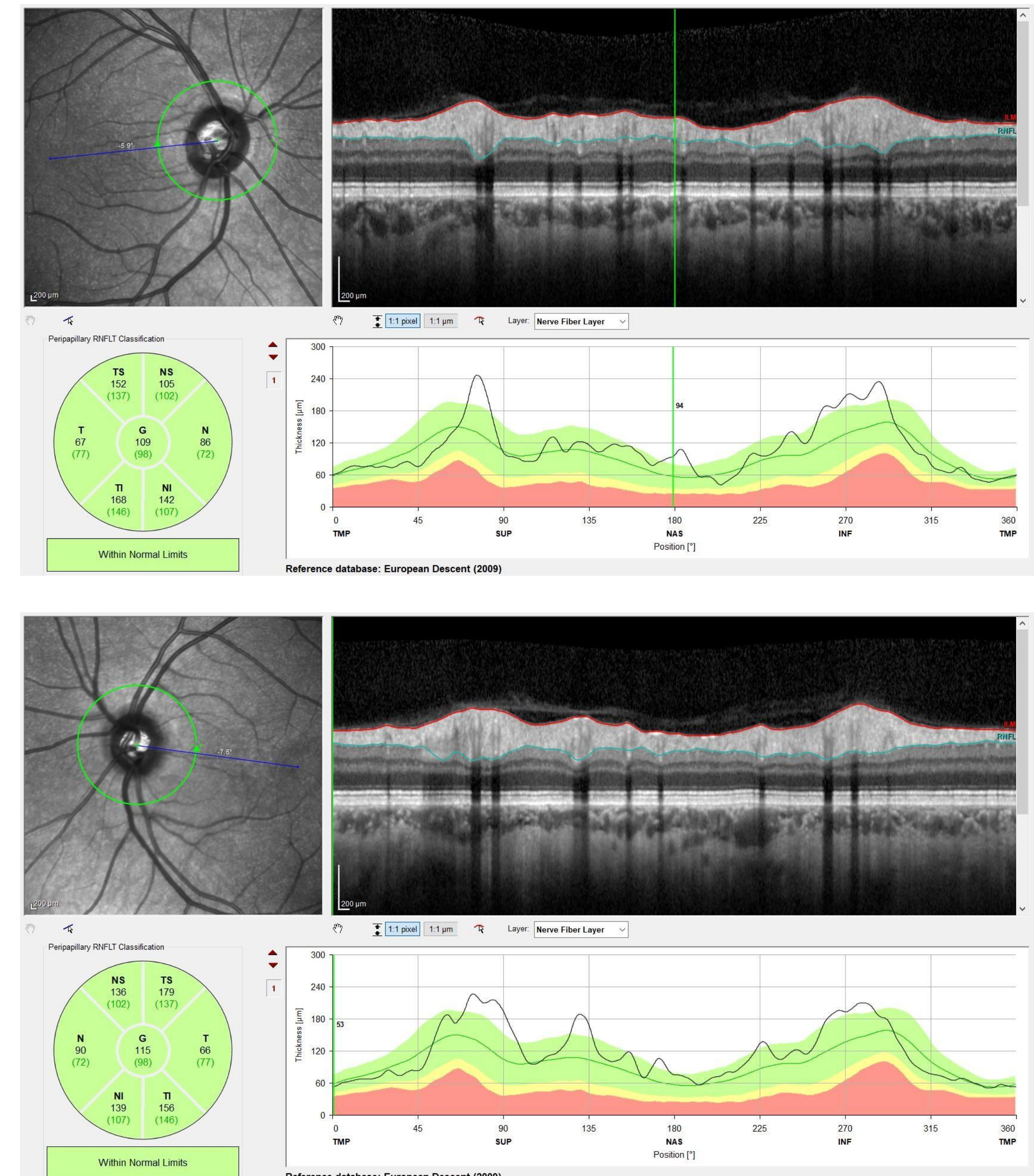


Figure 4: Optic nerve OCT

Discussion

- The present abstract demonstrates the investigation of an acute bilateral uveitis related to skin involvement at tattoos sites.
 - Similar cases have already been described in literature.
 - The most common medical and infections diagnoses have been ruled out.
 - This case highlights the importance of search for different causes of uveitis since a lot of the diagnoses are still considered idiopathic.
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