10th Evolving Practice Of Ophthalmology Middle East Conference
EPOMEC
EXPANDING VISION

Herpetic Keratitis
The Dilemma

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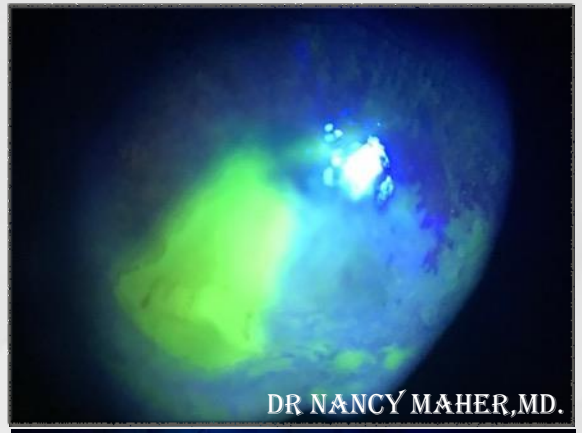
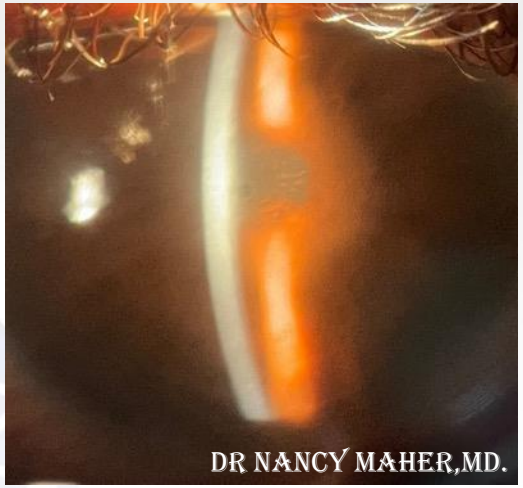
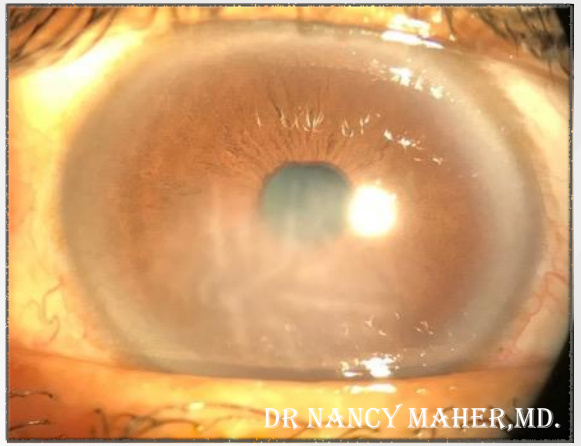
Epidemiology

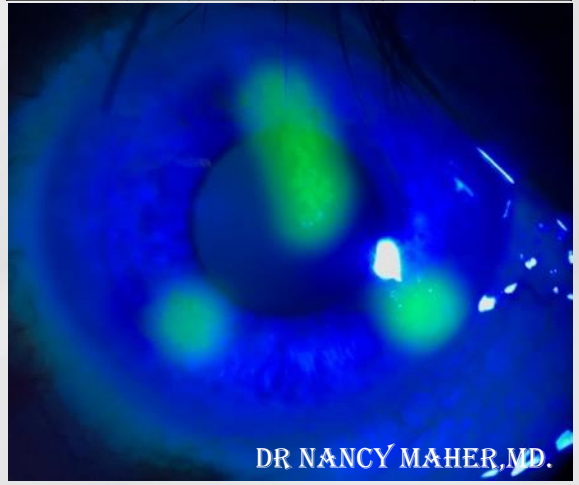
- HSV is the leading infectious cause of corneal blindness among developed countries.
- Herpetic keratitis is endemic throughout the world.
- 90% of the world's population is infected with HSV-1 by the age of 60.

Clinical presentations









10TH EVOLVING PRACTICE OF OPHTHALMOLOGY
MIDDLE EAST CONFERENCE

Case 1

- 22 years old male patient.
- Bilateral corneal dystrophy.
- BCVA 20/60
- RT PKP
- 3rd post-operative day the graft was clear with healed ED.

Case 1

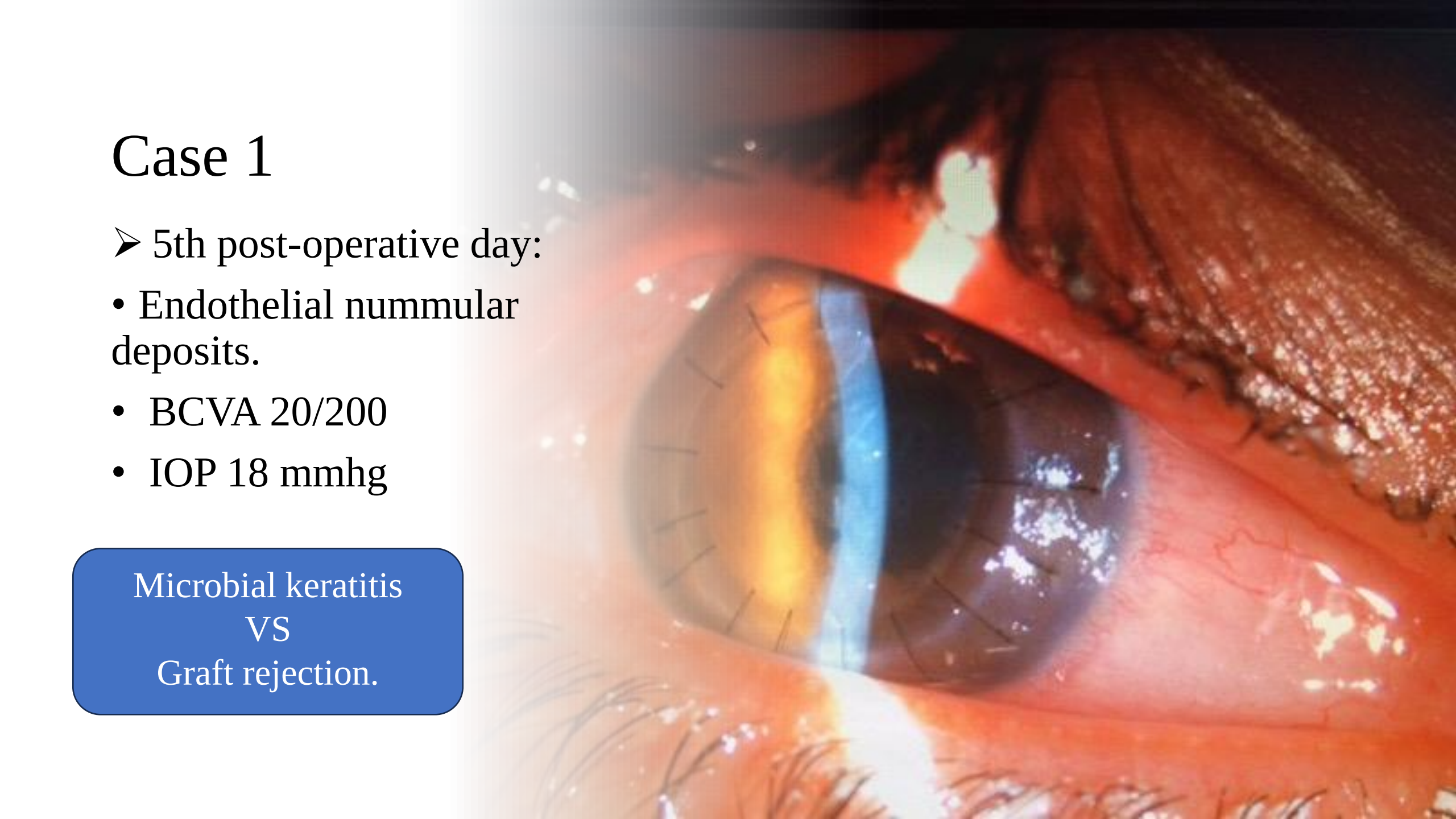
➢ 5th post-operative day:

• Endothelial nummular deposits.

• BCVA 20/200

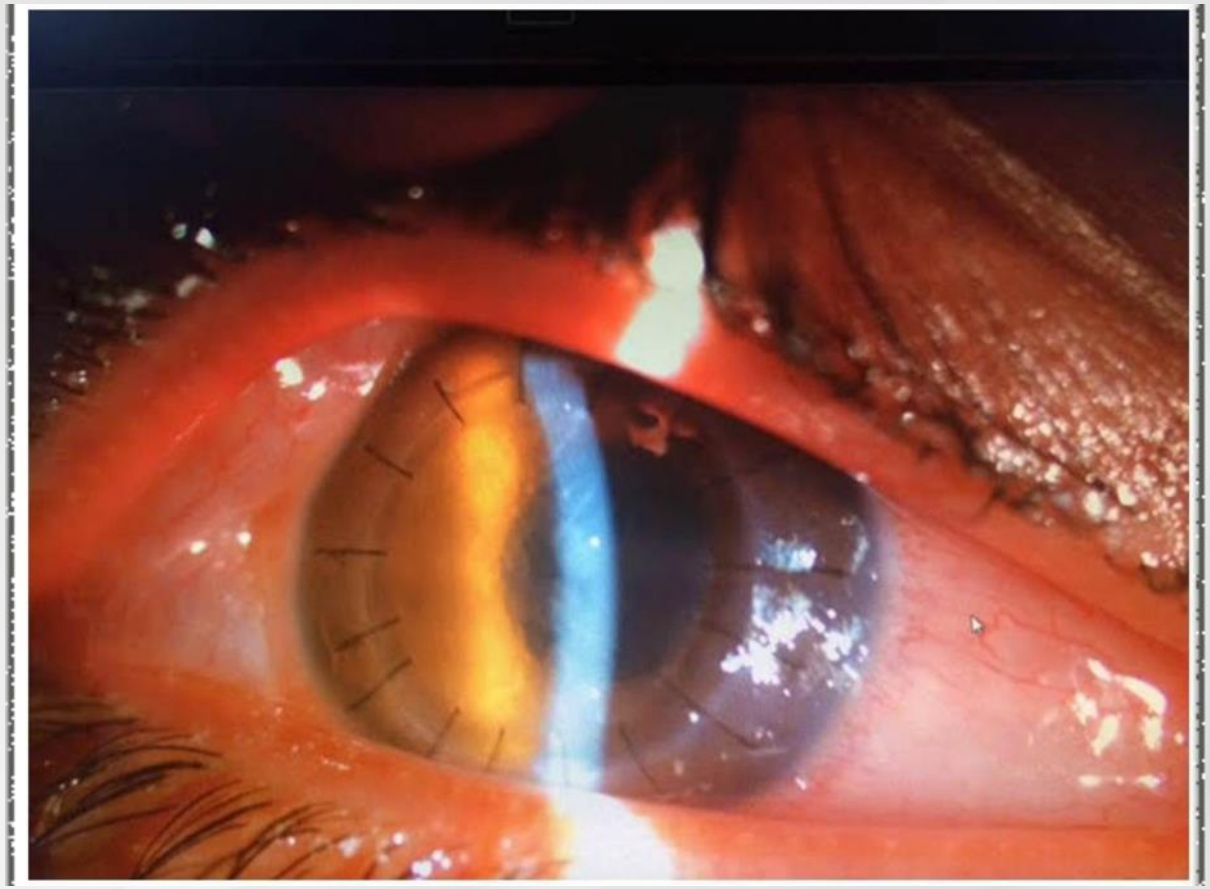
• IOP 18 mmhg

Microbial keratitis
VS
Graft rejection.



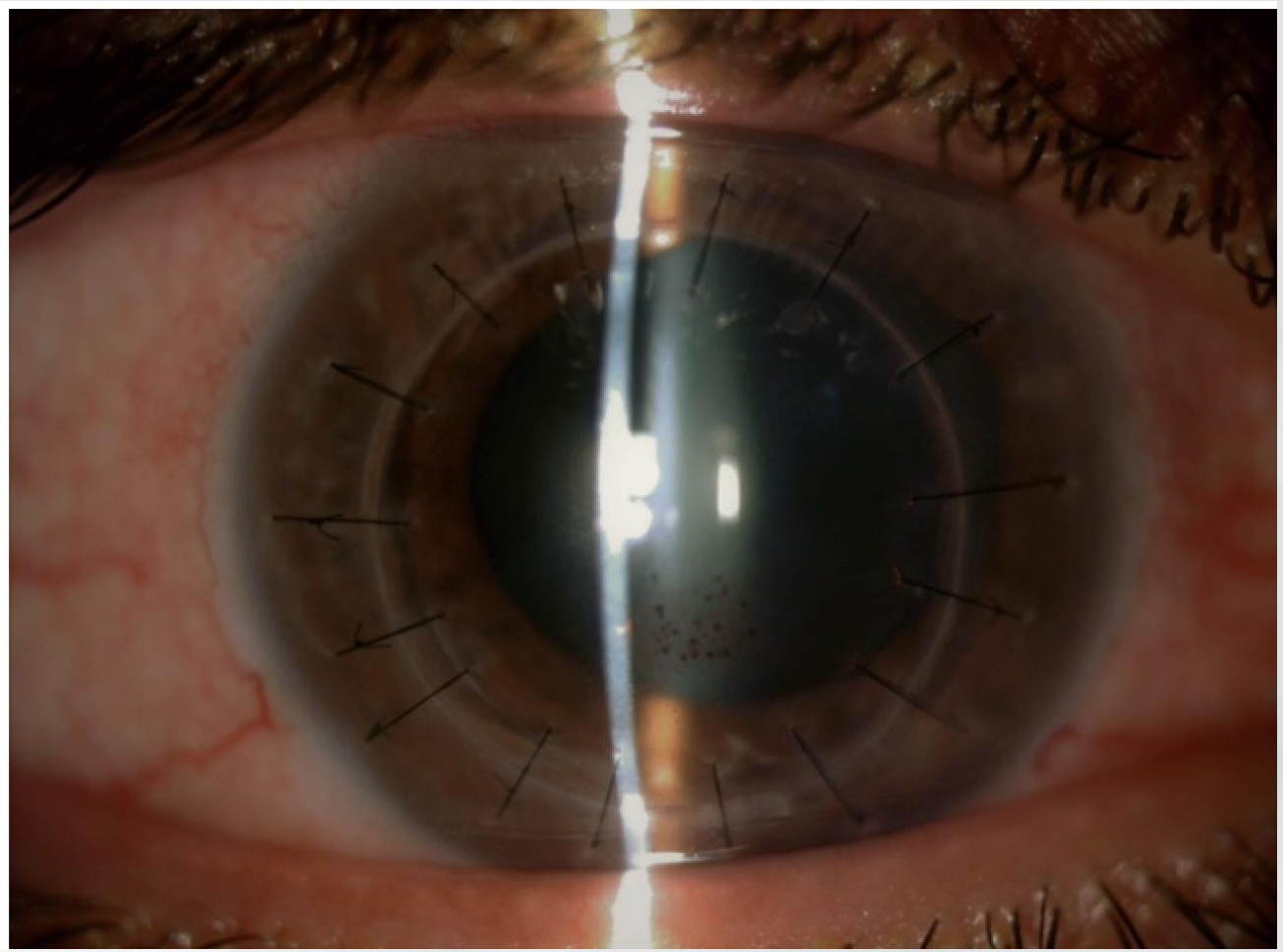
Case 1

- 9th post-operative day
- IOP 45 mmhg
- -ve microbial results
- Viral keratitis suspected



Case 1

-ve PCR

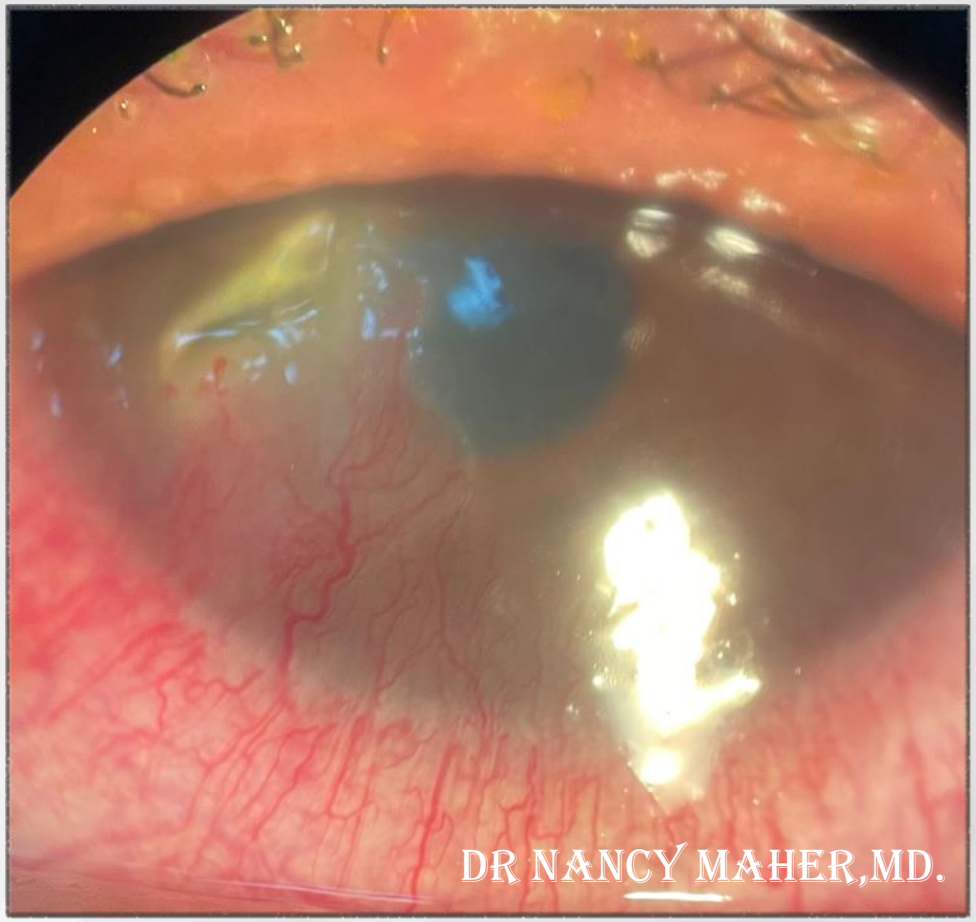


Case 1

- Herpetic keratitis should be considered in all cases of unexplained post PKP inflammation or infection.
- Negative PCR does not rule out herpetic keratitis.

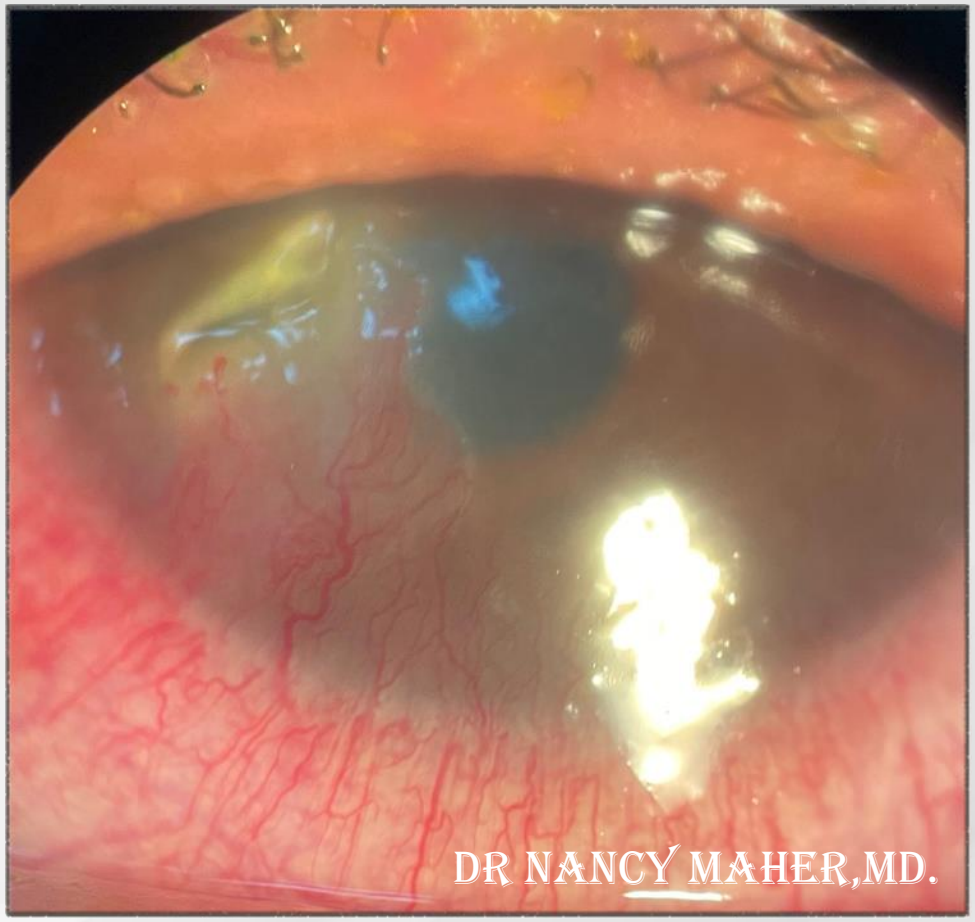
Case 2

- 35 years old female patient.
- C/O LT eye redness and pain.
- BCVA 20/70
- IOP 14
- Clear vitreous.

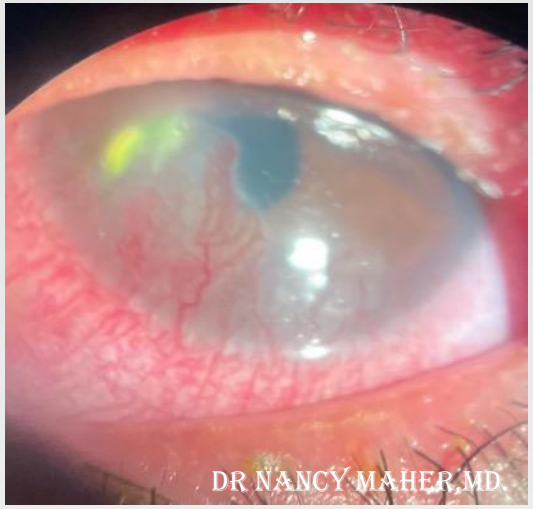


Case 2

- HSV stromal keratitis
- PUK



Case 2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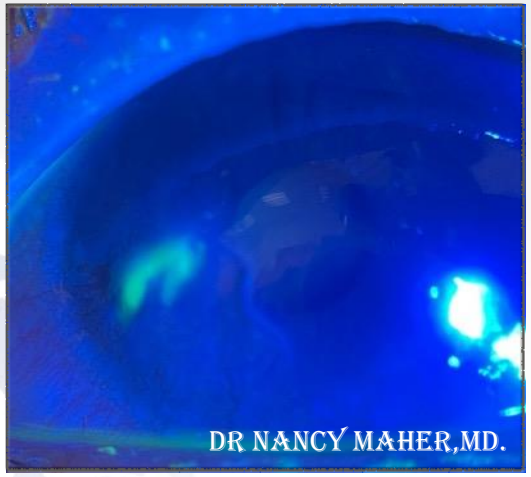
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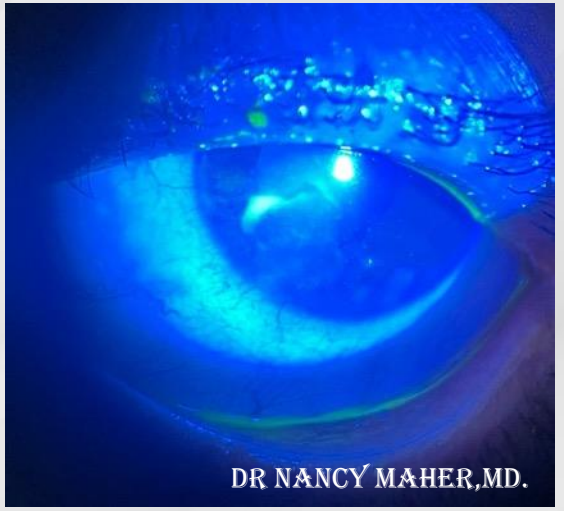
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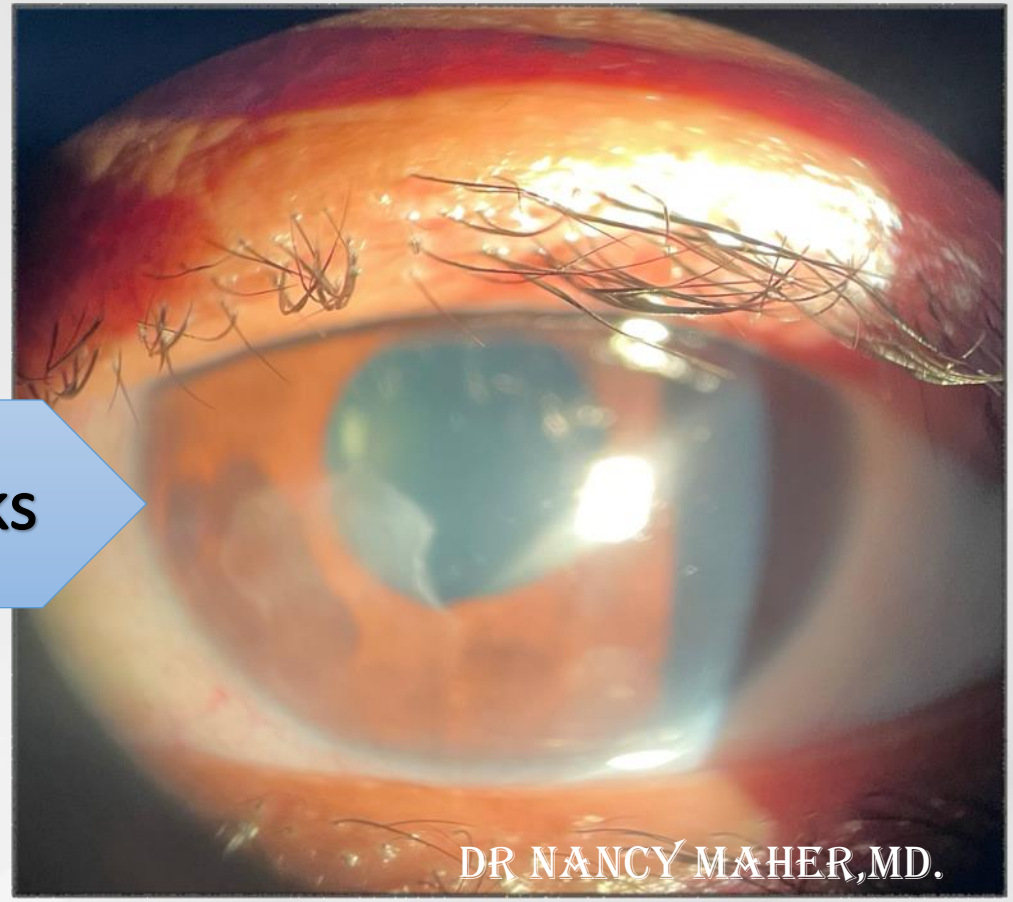
Case 2

5 weeks



Case 2

- Herpetic keratitis should be considered in all cases of PUK.
- Negative PCR does not rule out herpetic keratitis.

CASE 3

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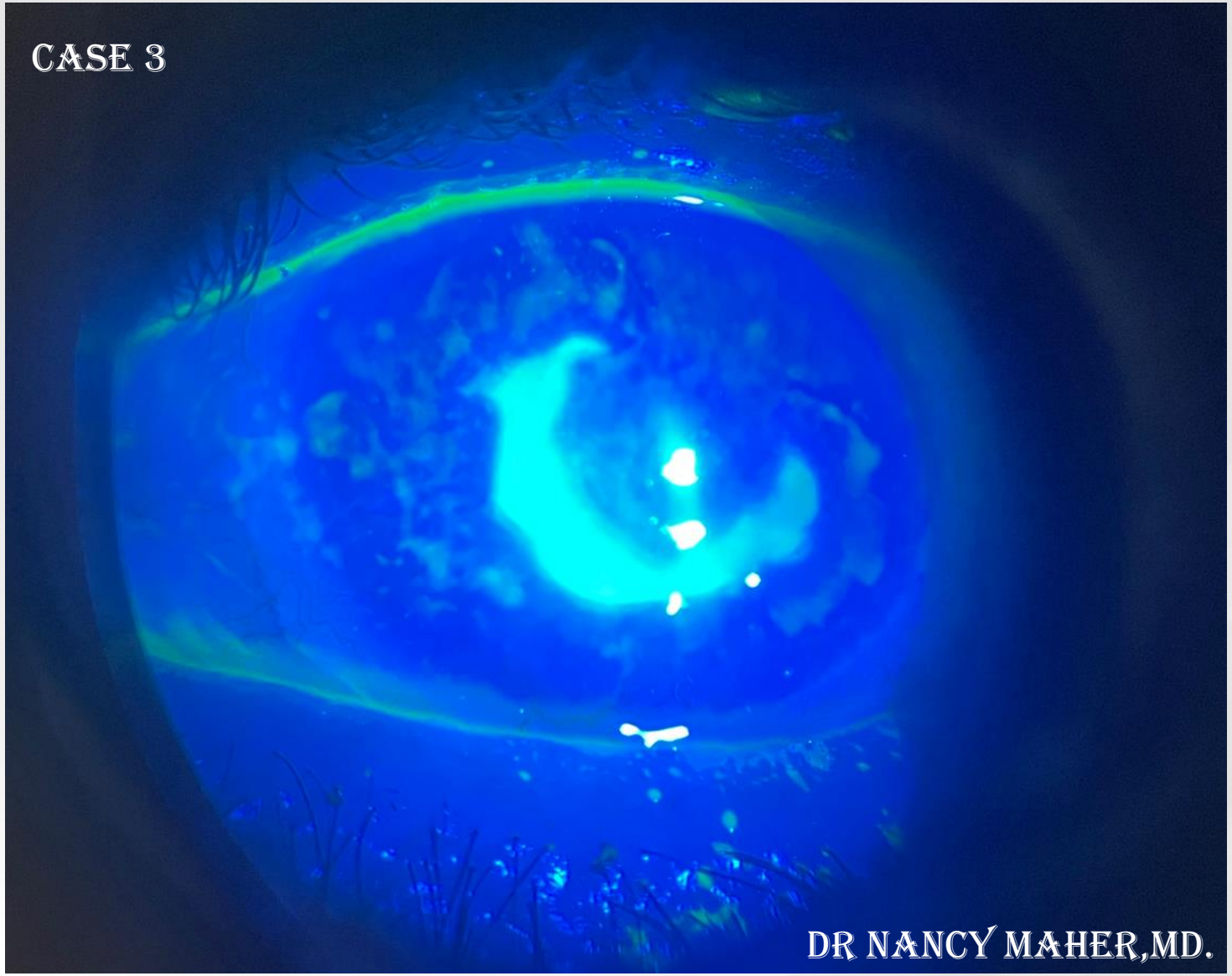
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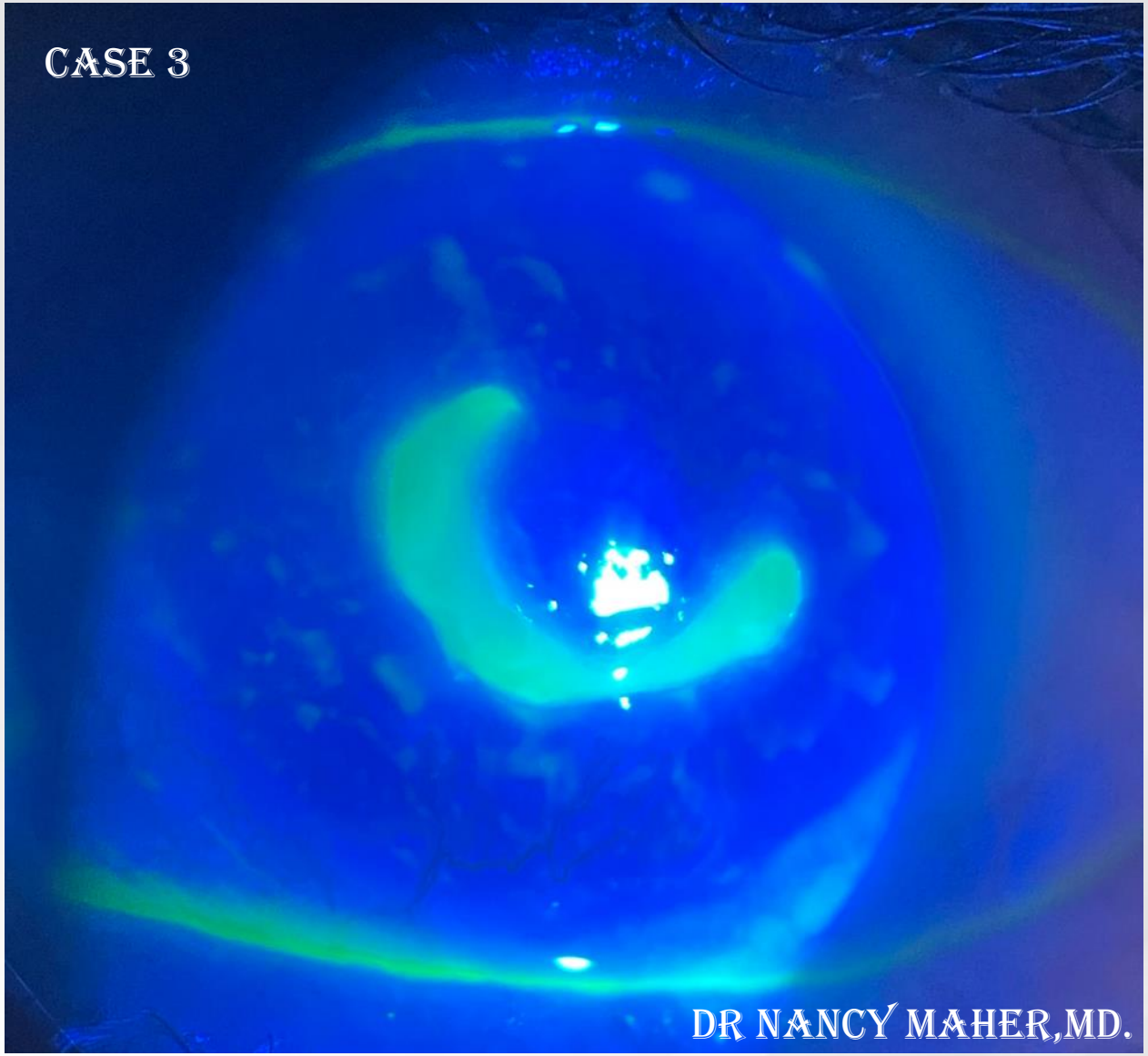
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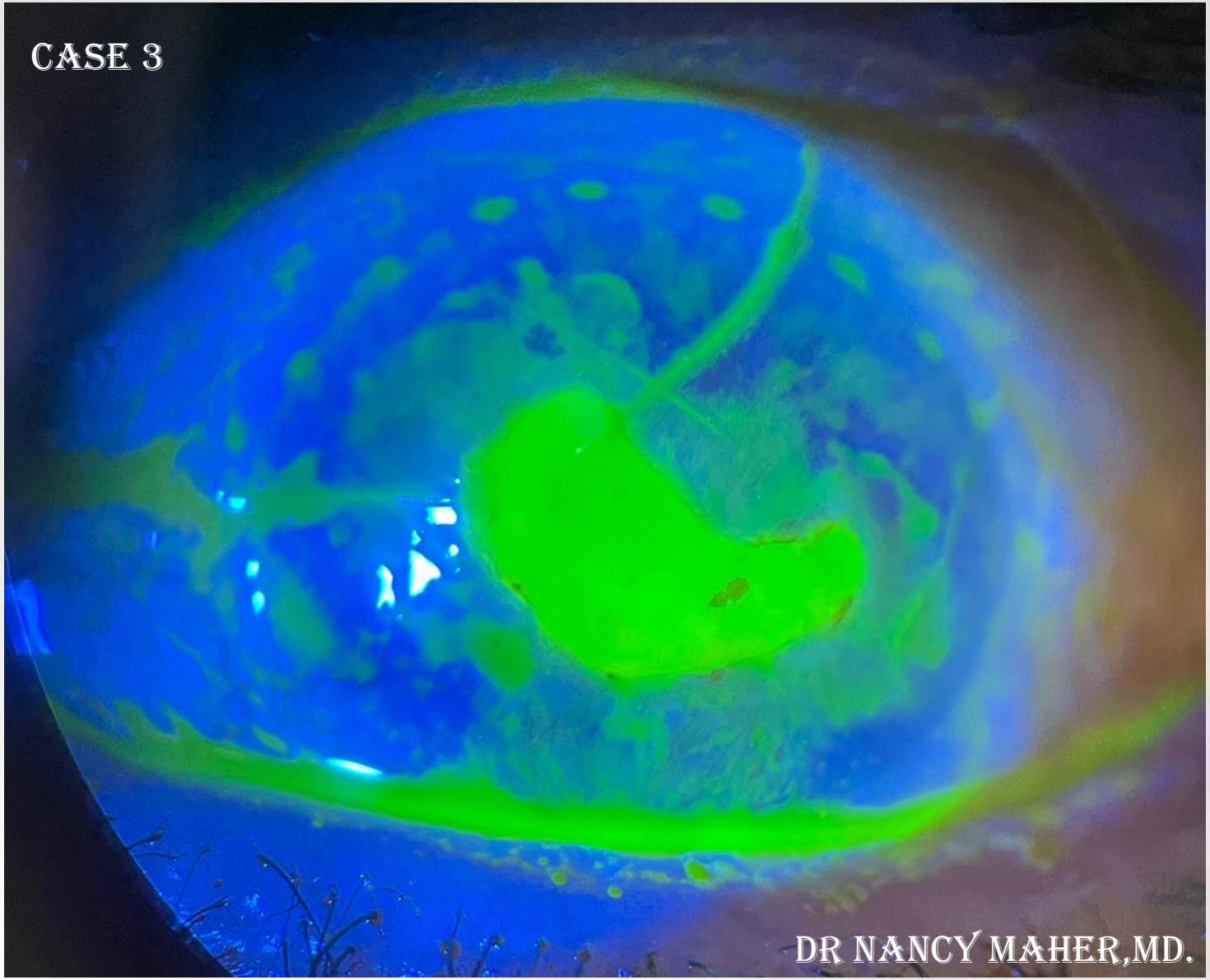
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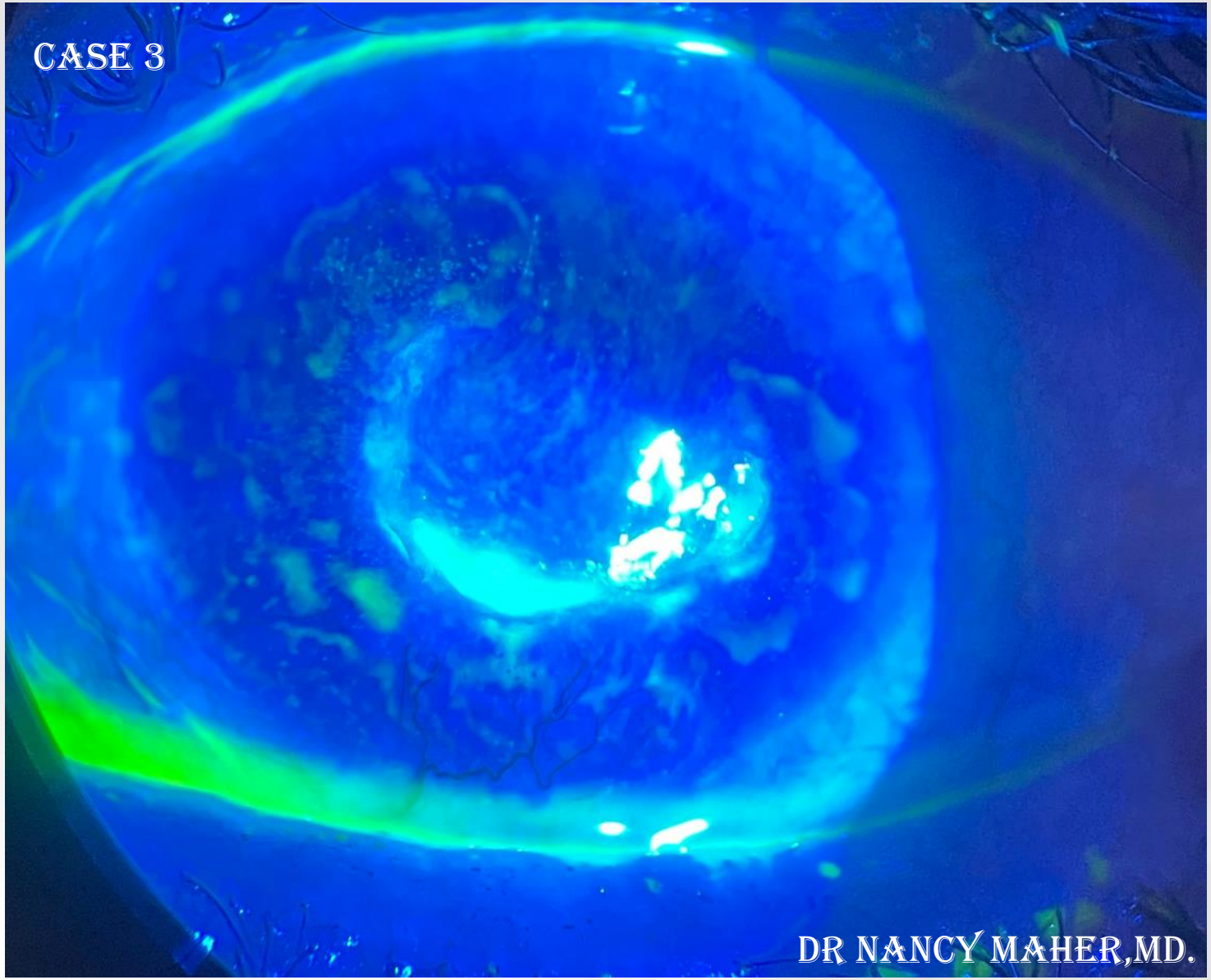
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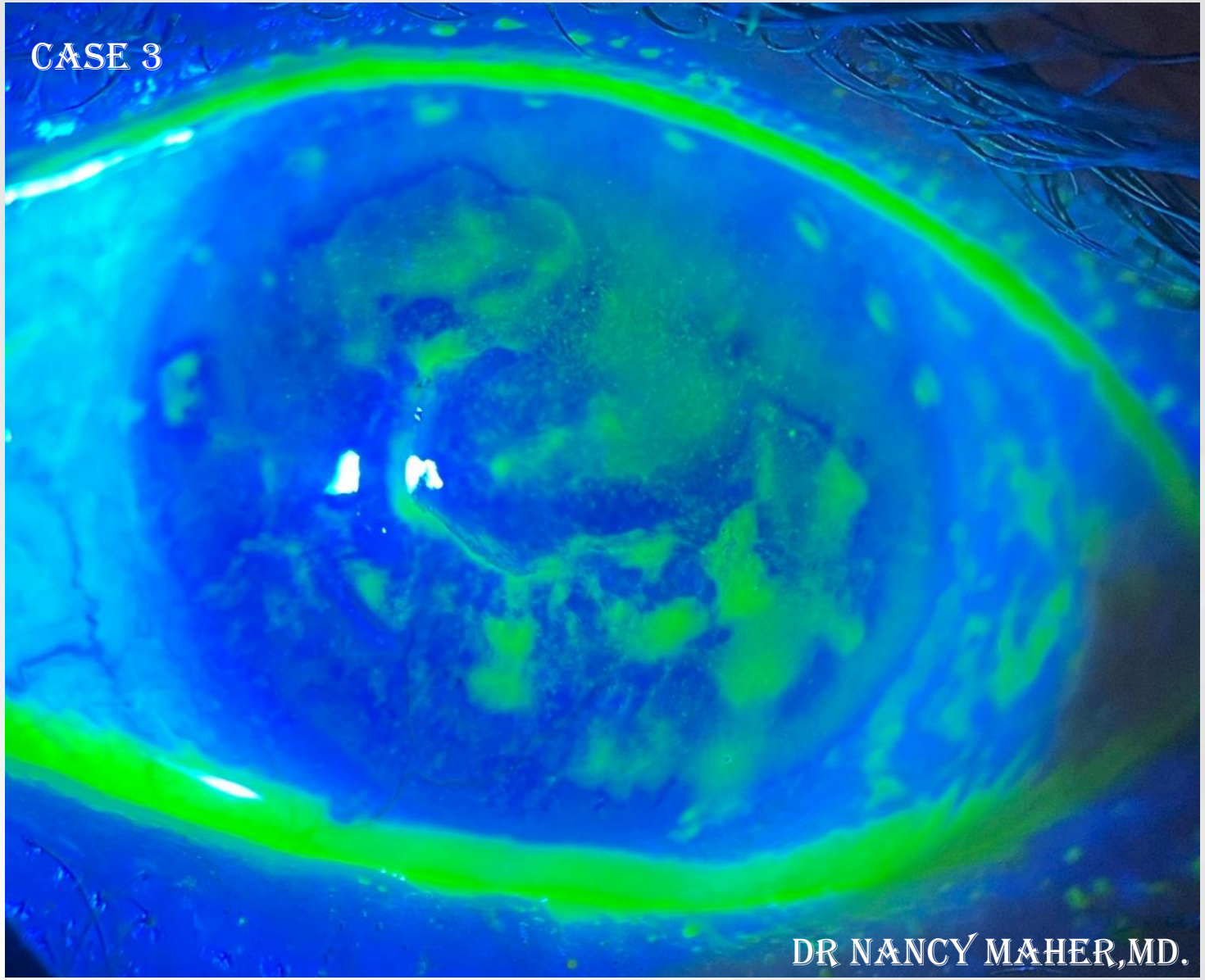
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CASE 4
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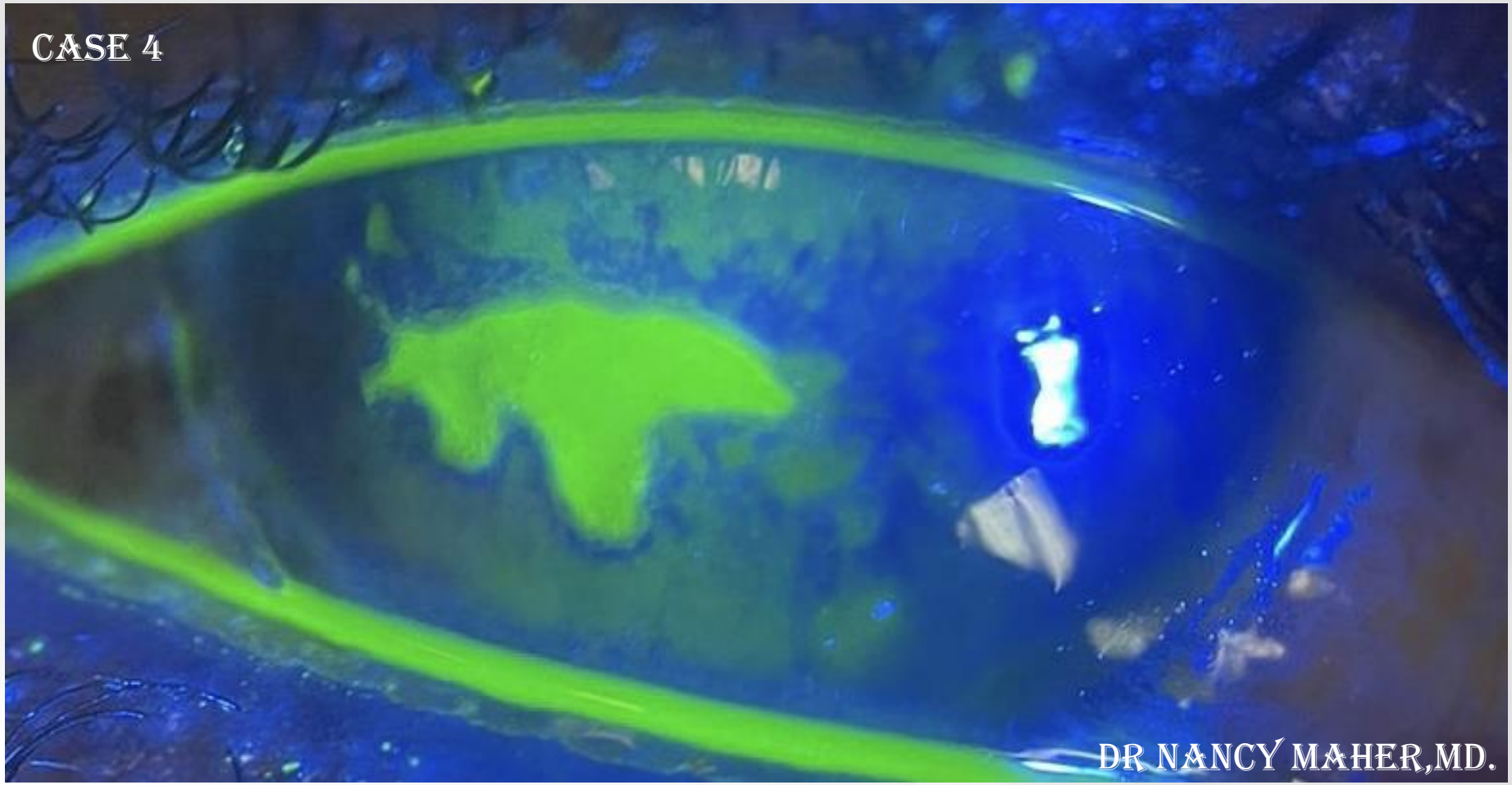
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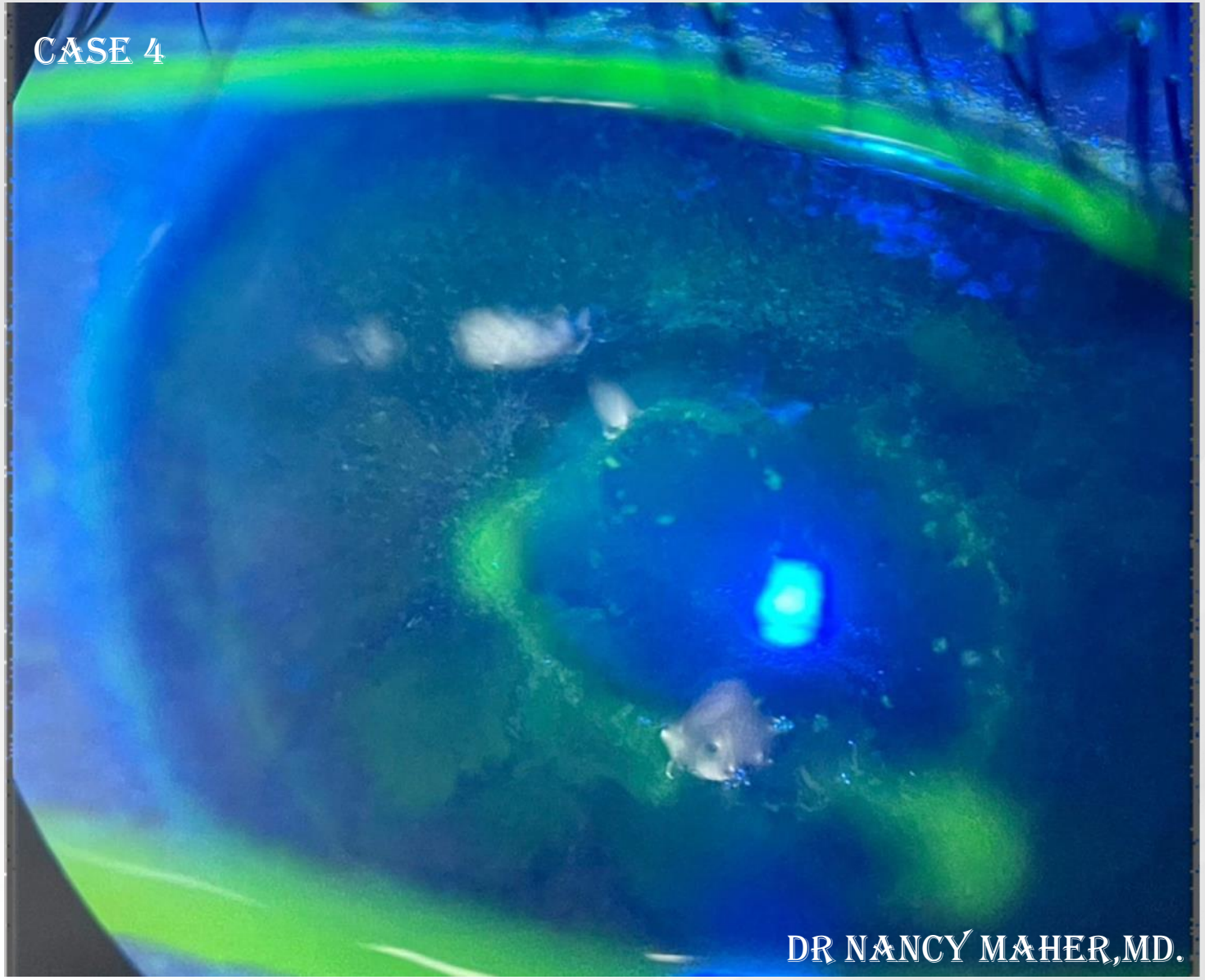

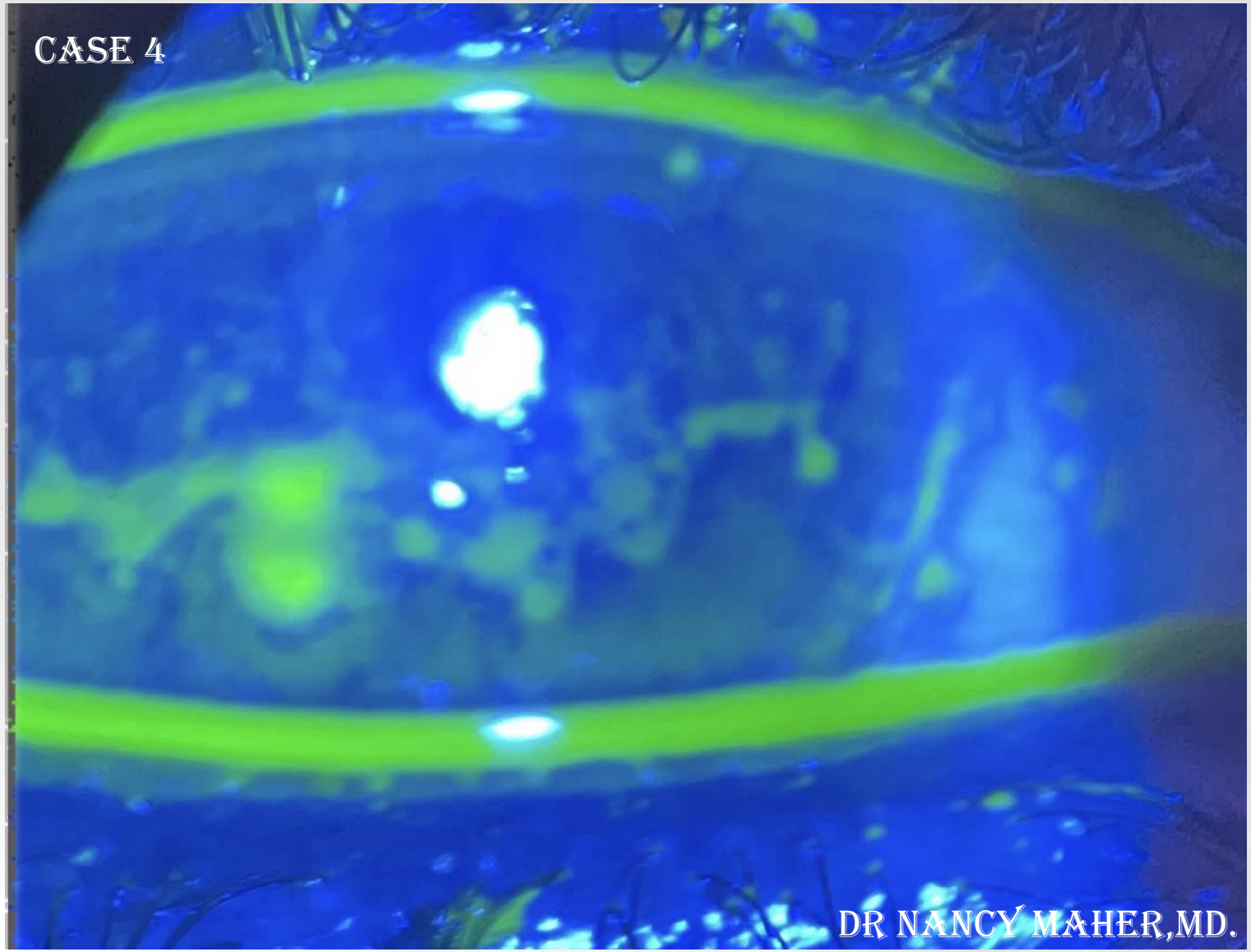
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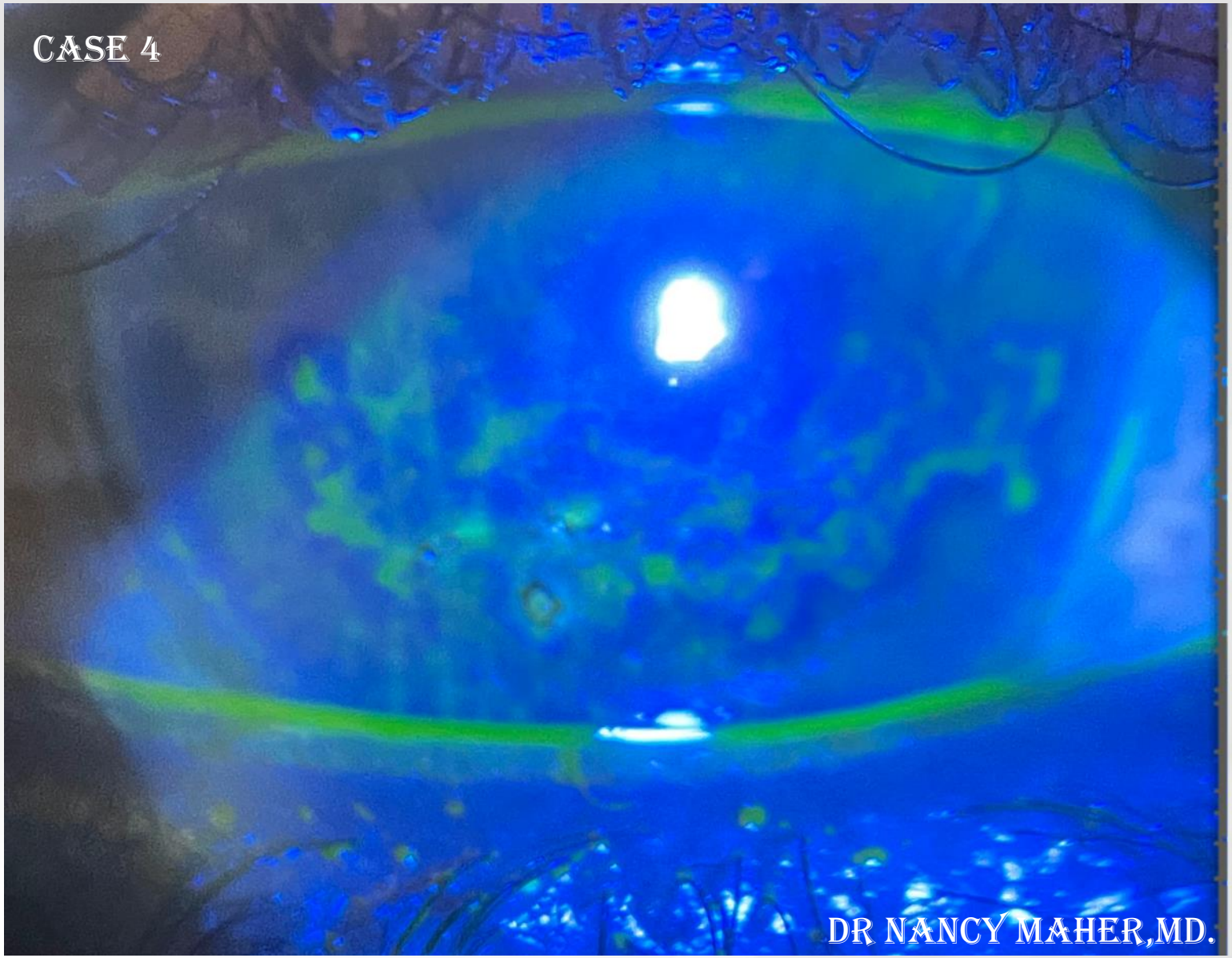

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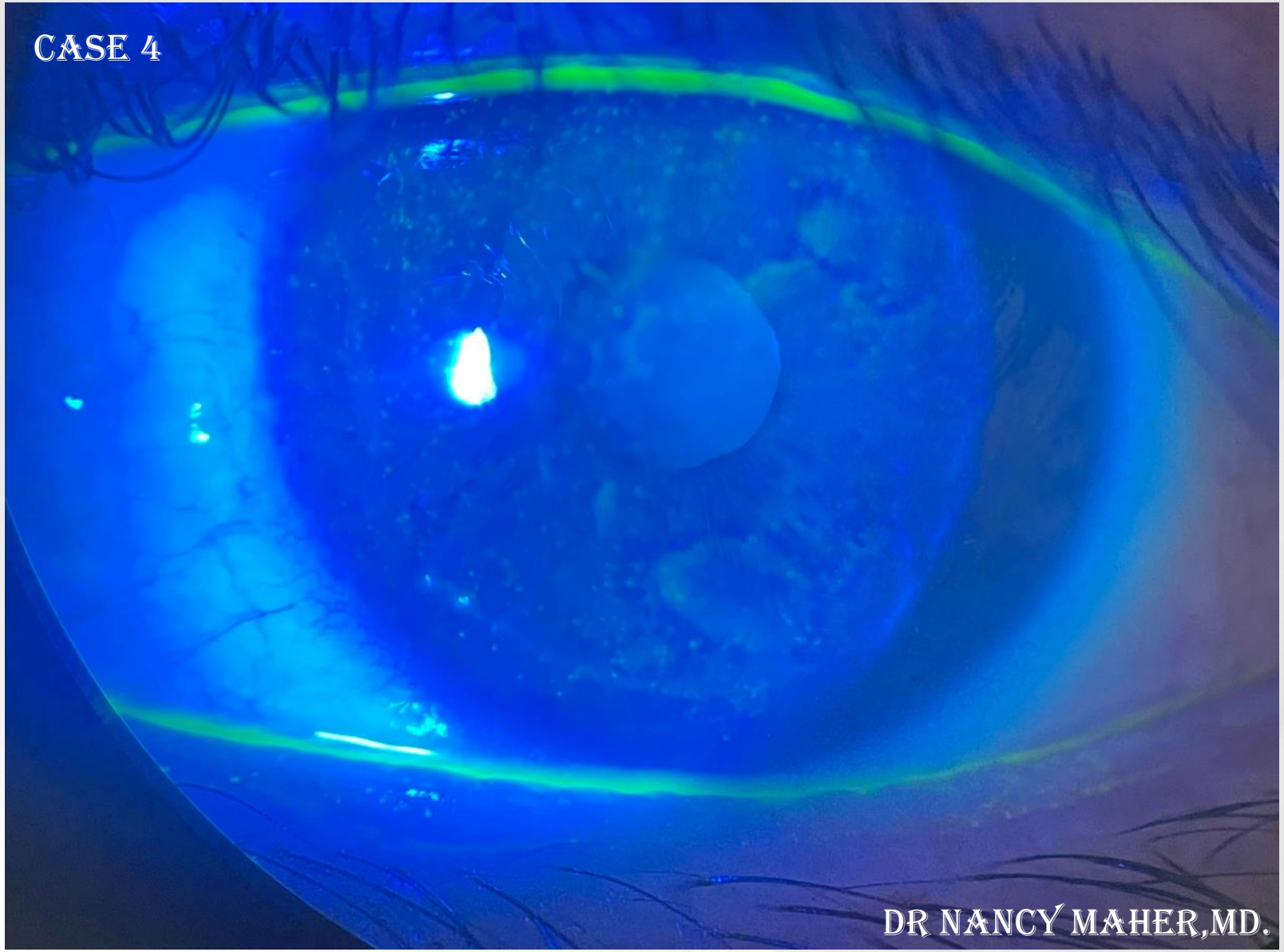

THANK YOU