

Central Serous Retinopathy

Physician: Dr. Daniel Lavinsky | Porto Alegre, Rio Grande do Sul, Brazil

Patient: 61 years old, white, visual acuity 20/60 for more than 6 months.

No use of steroids or other systemic medications



Treatment Parameters:

Laser System: PASCAL Streamline

Wavelength: 577 nm

Power: 120mW for titrated burn (100%)

Exposure: 15 ms

Spot Size: 200 μm

Spacing: 0.25 spot diameter

Lens: Volk Area Centralis lens

Endpoint Management: On

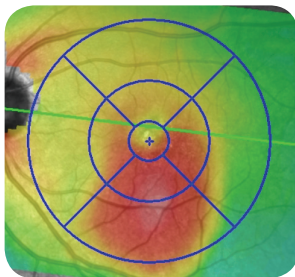
EM Setting: 30%

Pattern Selection: 4 x 4, 2 x 2, Enhanced Octant

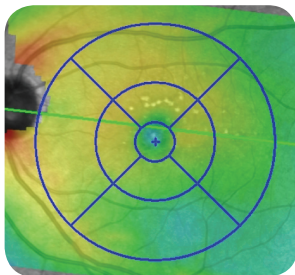
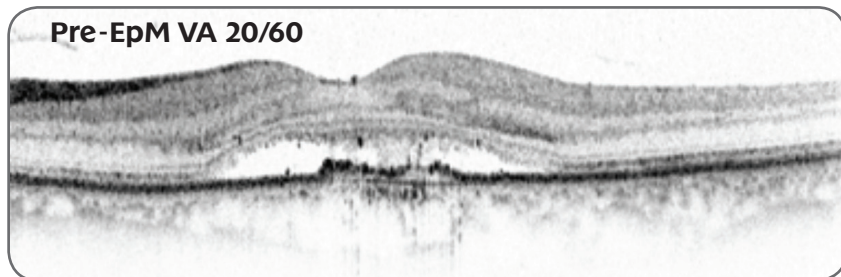
Landmark: On (Enhanced Octant); Off (4x4 & 2x2)

Total spots: 520 burns

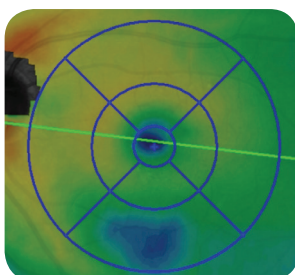
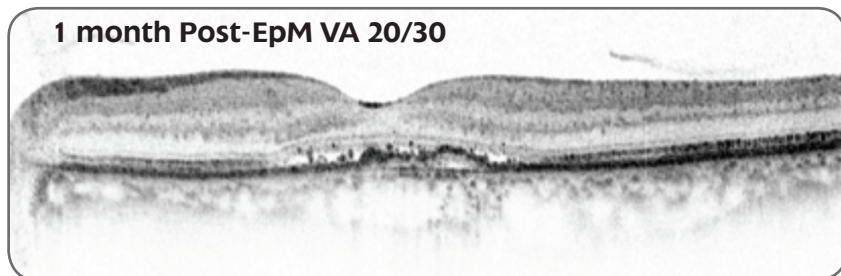
Treatment Time: 3 Minutes



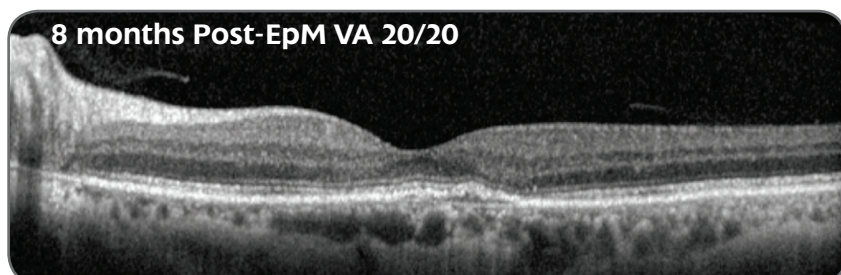
Pre-EpM VA 20/60



1 month Post-EpM VA 20/30



8 months Post-EpM VA 20/20

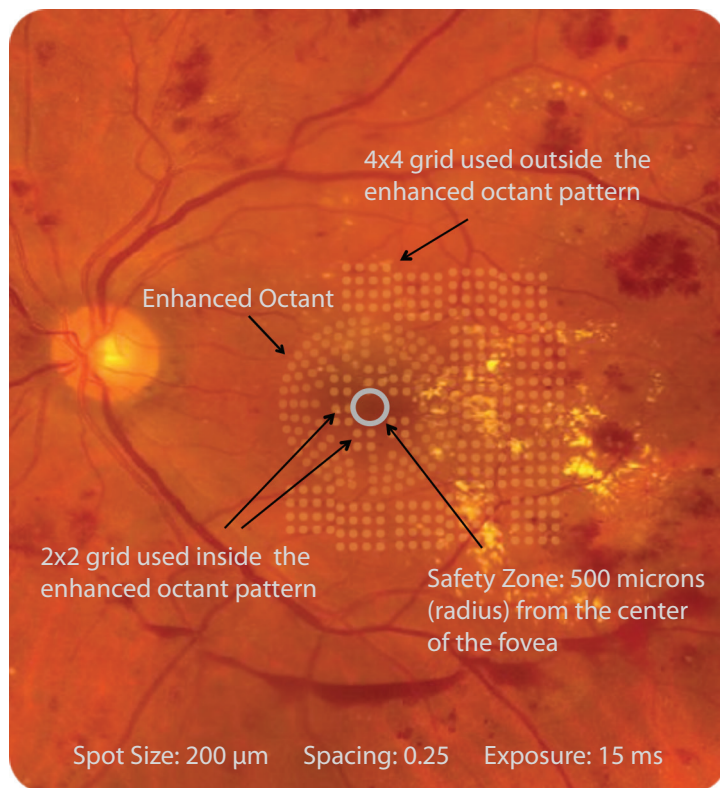


Techniques and Tips:

When treating CSR, Dr. Lavinsky treats more concisely at the area of leakage and RPE abnormality by either fundus angiography or autofluorescence. He usually titrates to apply a slightly more intense burn and then decreases by 10-20 mW to get a 100% barely visible burn, waiting 3 seconds before defining the lesion.

EM Treatment Area and Pattern Selection:

Image is not actual patient



The patterns on this fundus photo are shown to give the physician a visual reference of where the treatment was done. During actual Endpoint Management treatment, it is a physician's preference whether the burns are barely visible or completely invisible, with the exception of Landmark™ patterns turned on.

Patient case, parameters and techniques provided by the physician/author.

Topcon Medical Laser Systems assumes no responsibility for patient outcome or for physician oversight.



Endpoint Management is an optional upgrade on PASCAL Streamline and Synthesis lasers.

HEADQUARTERS

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Central Serous Retinopathy is not a cleared indication for PASCAL lasers.

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