

Dermatology Second Opinions™ Consultation

Date:

Patient:

Discussion:

Cutaneous Collagenous Vasculopathy is consistent with the clinical photos and histopathologic description provided. It is rare and poorly understood but has been reported in association with cardiovascular disease, diabetes and also autoimmune disease, and recently with multiple myeloma.

Recommendations:

Pulsed Dye Laser and Intense Pulsed Light are reported to be successful in treating this condition. Laser settings should be adjusted to avoid burns,

Answers to patient's questions:

1. Do you concur with the pathology results of Cutaneous Collagenous Vasculopathy?

Yes. The clinical photos and histopathologic description are consistent with this diagnosis.

2. Do you feel my client should be further investigated for autoimmune disorders considering her past medical history as a child?

Yes. The reports of pulmonary symptoms should be followed up independent of the diagnosis with regard to her leg findings. I would start with an ANA.

3. What would be your diagnosis?

Cutaneous Collagenous Vasculopathy

4. How would you treat my client? Any recommendations would be greatly appreciated.

See Recommendations.

References:

Salama, Samih S. "Cutaneous collagenous vasculopathy: a new case series with clinicopathologic and ultrastructural correlation, literature review, and insight into the pathogenesis." *The American Journal of Dermatopathology* 37.5 (2015): 368-375.

Basso, Davide, et al. "Cutaneous collagenous vasculopathy: a rare form of microangiopathy successfully

treated with a combination of multiplex laser and optimized pulsed light with a review of the literature." *Dermatology* 232.1 (2016): 107-111.

Weisert, Elise, et al. "Clinical improvement of cutaneous collagenous vasculopathy with intense pulsed light therapy." *Dermatologic Surgery* 47.10 (2021): 1410-1411.

Ahearn, Emily, et al. "Successful Treatment of Cutaneous Collagenous Vasculopathy with Pulsed Dye Laser: A Case Report." *SKIN The Journal of Cutaneous Medicine* 6.5 (2022): 424-428.

Electronically Signed by:

Board Certified:

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