

CLINICAL VIDEO

Diode laser treatment of venous lake of the lip

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The diode laser promotes regression of the small venous lake of the lip by forced dehydration with induced photocoagulation of the lesions, with an uneventful post-operative course and anesthetic sequelae.

KEYWORDS

dehydration, diode laser, lip venous lake, photocoagulation, vascular malformations

When a diagnosis of venous lake of the lip is reached (Figure 1), the problem of preventing unesthetic sequelae after therapy arises.¹⁻³ As showed in the video-illustration (video S1), the diode laser is used in absolutely safe way to promote forced dehydration with induced photocoagulation of the vascular malformation. The diode laser, with a wavelength of 980-nm, is used by defocused irradiation mode with an output of 3 watt in continuous wave until the lesion undergoes a chromatic variation from dark purple to light gray.^{4,5}

**FIGURE 1** Venous lake of the inferior lip of small dimension

Postoperative course was uneventful; a partial regression is observable after 7 days, while the complete healing has been achieved after 20 days without unesthetic scar.⁶

CONFLICT OF INTEREST

None declared.

AUTHORSHIP

SC and GF: involved in the surgical procedure. LL: prepared the manuscript. AT: reviewed the literature. EM: revised the manuscript.

ORCIDSaverio Capodiferro  <http://orcid.org/0000-0002-9819-6229>**REFERENCES**

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SUPPORTING INFORMATION

Additional supporting information may be found online in the Supporting Information section at the end of the article.

How to cite this article: Capodiferro S, Limongelli L, Tempesta A, Maiorano E, Favia G. Diode laser treatment of venous lake of the lip. *Clin Case Rep.* 2018;6:1923–1924. <https://doi.org/10.1002/ccr3.1735>