

# Malformações Venosas e Arteriovenosas do Lábio: Um Diagnóstico Diferencial Problemático

Diogo Cerejeira MD<sup>1</sup>, Frederico Bonito MD<sup>1</sup> 

<sup>1</sup>Dermatology Department, Hospital Garcia de Orta, Almada, Portugal

**PALAVRAS-CHAVE** – Lábio; Malformações Arteriovenosas; Malformações Vasculares.

## Venous and Arteriovenous Malformations of the Lip: A Problematic Differential Diagnosis

**KEY WORDS** – Arteriovenous Malformations; Lip; Vascular Malformations.

Vascular malformations are localized defects of vascular morphogenesis, likely caused by dysfunction in pathways regulating the angiogenesis. According to the classification system adopted by the International Society for the Study of Vascular Anomalies (ISSVA), vascular malformations are categorized as capillary, venous, lymphatic and arteriovenous, depending on the predominant type(s) of anomalous vessels. Categorizing a lesion as a capillary malformations (CM), venous malformations (VM), lymphatic malformations (LM), arteriovenous malformations (AVM), or combined lesion is important, since the prognosis and the treatment differ depending on the type(s) of vessels involved.<sup>1,2</sup> However, small vascular malformations of the lip can pose difficult diagnostic challenges, due to their parallel natural history and clinical similarities (Fig.s 1,2).

The detection of some specific features may facilitate the diagnosis and allow the distinction between VM and AVM. Venous malformations typically present as slow-growing, soft, compressible, blue to violaceous nodules, that are usually asymptomatic and have tendency to fill with Valsalva maneuver or dependent position. Dermoscopic assessment of this lesions commonly shows the presence of clods and a structureless pattern that may vary in color.<sup>3</sup> In contrast, arteriovenous malformations are characterized by an erythematous, firm, pulsatile swelling that may demonstrate a palpable thrill and tendency to bleed. On occasions, rapid expansion can occur, especially following trauma, infection and hormonal changes. Arteriovenous malformations are

typified dermoscopically by blue-red lacunae, milky red areas and winding vessels of several thicknesses. However, when clinical doubt persists, doppler ultrasonography may indicate the definitive diagnosis by differentiating low from high vascular flow.

**Conflitos de interesse:** Os autores declaram a inexistência de conflitos de interesse na realização do presente trabalho.

**Fontes de financiamento:** Não existiram fontes externas de financiamento para a realização deste artigo.

**Confidencialidade dos dados:** Os autores declaram ter seguido os protocolos da sua instituição acerca da publicação dos dados de doentes.

**Consentimento:** Consentimento do doente para publicação obtido.

**Proveniência e revisão por pares:** Não comissionado; revisão externa por pares.

**Conflicts of interest:** The authors have no conflicts of interest to declare.

**Financing support:** This work has not received any contribution, grant or scholarship.

**Confidentiality of data:** The authors declare that they have followed the protocols of their work center on the publication of data from patients.

**Patient Consent:** Consent for publication was obtained.

**Provenance and peer review:** Not commissioned; externally peer reviewed

**Correspondência:** Diogo Cerejeira, MD  
Dermatology Department  
Hospital Garcia de Orta  
Av. Torrado da Silva  
2805-267 Almada, Portugal  
**E-mail:** Diogo\_cerejeira@hotmail.com  
**DOI:** <https://dx.doi.org/10.29021/spdv.78.3.1218>

<b>Recebido/Received</b> 2020/05/20	<b>Aceite/Accepted</b> 2020/05/20	<b>Publicado/Published</b> 2020/09/30
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## Imagens em Dermatologia




**Figure 1** - Venous malformations of the lip.

## Imagens em Dermatologia



**Figure 2** - Arteriovenous malformations of the lip.

## Imagens em Dermatologia

 ORCID

**Diogo Cerejeira**

<https://orcid.org/0000-0001-8586-6580>

**Frederico Bonito**

<https://orcid.org/0000-0003-2199-5468>

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