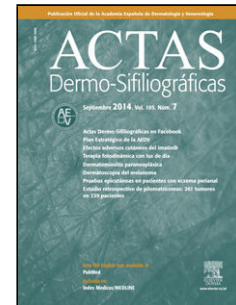


# Journal Pre-proof

## BILATERAL HAND SWELLING AS A SIGN OF SYSTEMIC AMYLOIDOSIS

MA Sirvent-Sáez AI Sánchez-Del-Campo D Moreno-Ramírez



PII: S0001-7310(25)00853-1

DOI: <https://doi.org/doi:10.1016/j.ad.2025.104577>

Reference: AD 104577

To appear in: *Actas dermosifiliograficas*

Received Date: 9 May 2024

Accepted Date: 20 October 2024

Please cite this article as: Sirvent-Sáez M, Sánchez-Del-Campo A, Moreno-Ramírez D, BILATERAL HAND SWELLING AS A SIGN OF SYSTEMIC AMYLOIDOSIS, *Actas dermosifiliograficas* (2025), doi: <https://doi.org/10.1016/j.ad.2025.104577>

This is a PDF of an article that has undergone enhancements after acceptance, such as the addition of a cover page and metadata, and formatting for readability. This version will undergo additional copyediting, typesetting and review before it is published in its final form. As such, this version is no longer the Accepted Manuscript, but it is not yet the definitive Version of Record; we are providing this early version to give early visibility of the article. Please note that Elsevier's sharing policy for the Published Journal Article applies to this version, see: <https://www.elsevier.com/about/policies-and-standards/sharing#4-published-journal-article>. Please also note that, during the production process, errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

© 2025 Published by Elsevier España, S.L.U. on behalf of AEDV.

Sección. Images in Dermatology

## BILATERAL HAND SWELLING AS A SIGN OF SYSTEMIC AMYLOIDOSIS.

Sirvent-Sáez MA, Sánchez-Del-Campo AI, AND Moreno-Ramírez D.

Servicio de Dermatología Médico-Quirúrgica y Venereología. Hospital Universitario Virgen Macarena.

*Corresponding author:*

María Ángeles Sirvent Sáez.

E-mail address: msirventsaez@gmail.com

A 75-year-old man with a past medical history of carpal tunnel syndrome and chronic dysphonia presented with a 2-year history of swelling in his hands. Physical examination revealed marked enlargement of the soft tissues in both palms and finger pads, with a translucent and edematous appearance that produced pitting on palpation (Figure 1), as well as macroglossia and eyelid erythema. The patient reported asthenia and weight loss.

A skin biopsy of the left palm identified infiltration by Congo red–positive fibrillar material showing green birefringence under polarized light, consistent with amyloidosis. Additional studies revealed elevated light chains, proteinuria, amyloid infiltration of the myocardium on positron emission tomography, and bone marrow infiltration by abnormal plasma cells. These findings were consistent with a diagnosis of primary systemic amyloidosis.

The image illustrates an uncommon presentation of systemic amyloidosis, which more typically manifests as periorbital ecchymosis, petechiae, purpura, nodules or plaques in various regions of the cephalic pole, macroglossia, and translucent lesions in the anogenital area.

Figure 1. Swelling of both palms and all fingers with pitting on palpation, more pronounced on the 3<sup>rd</sup> finger.



Journal Pre-proof