

# MONONEURITIS MULTIPLEX IN POLYARTERITIS NODOSA: CASE REPORT

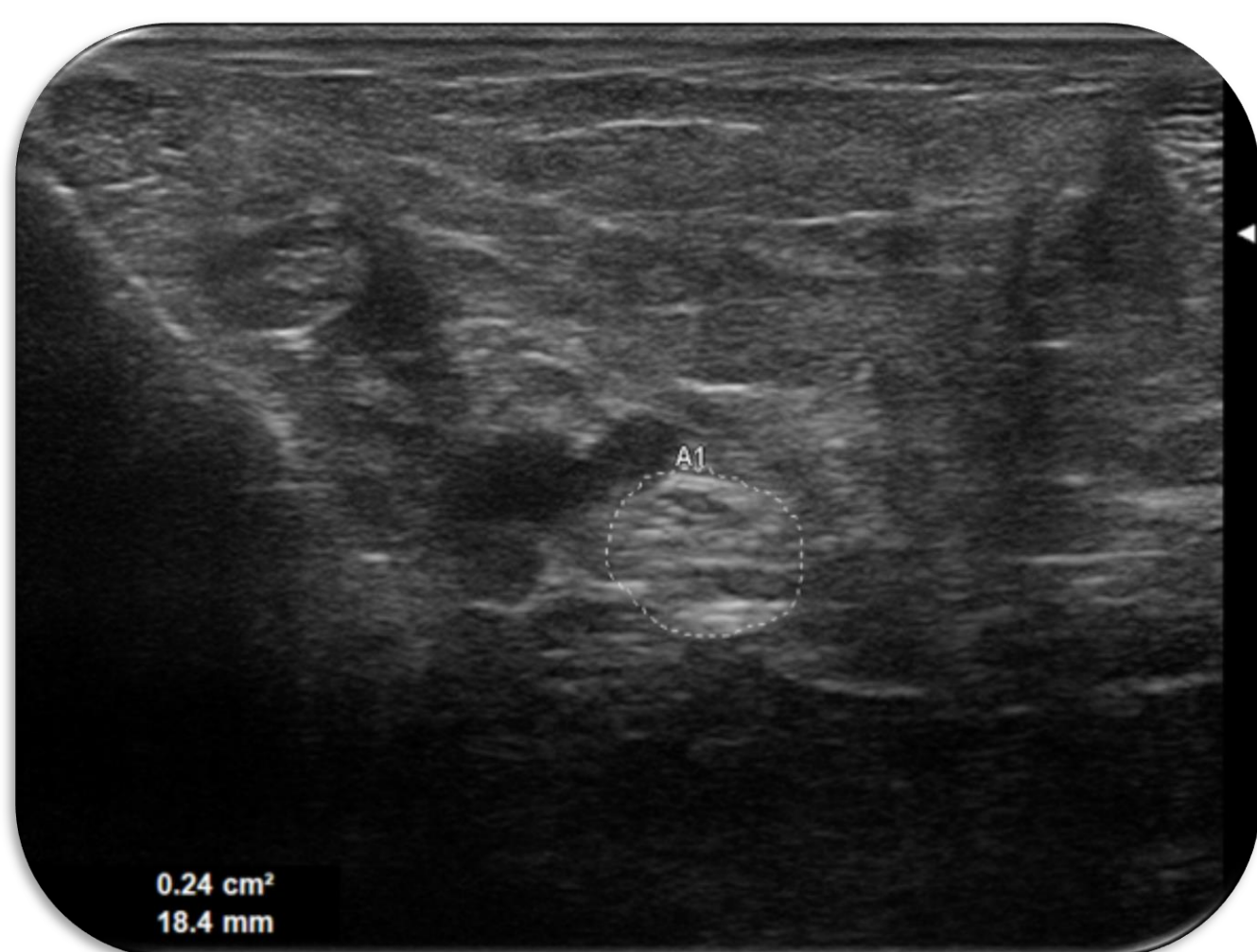
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## INTRODUCTION

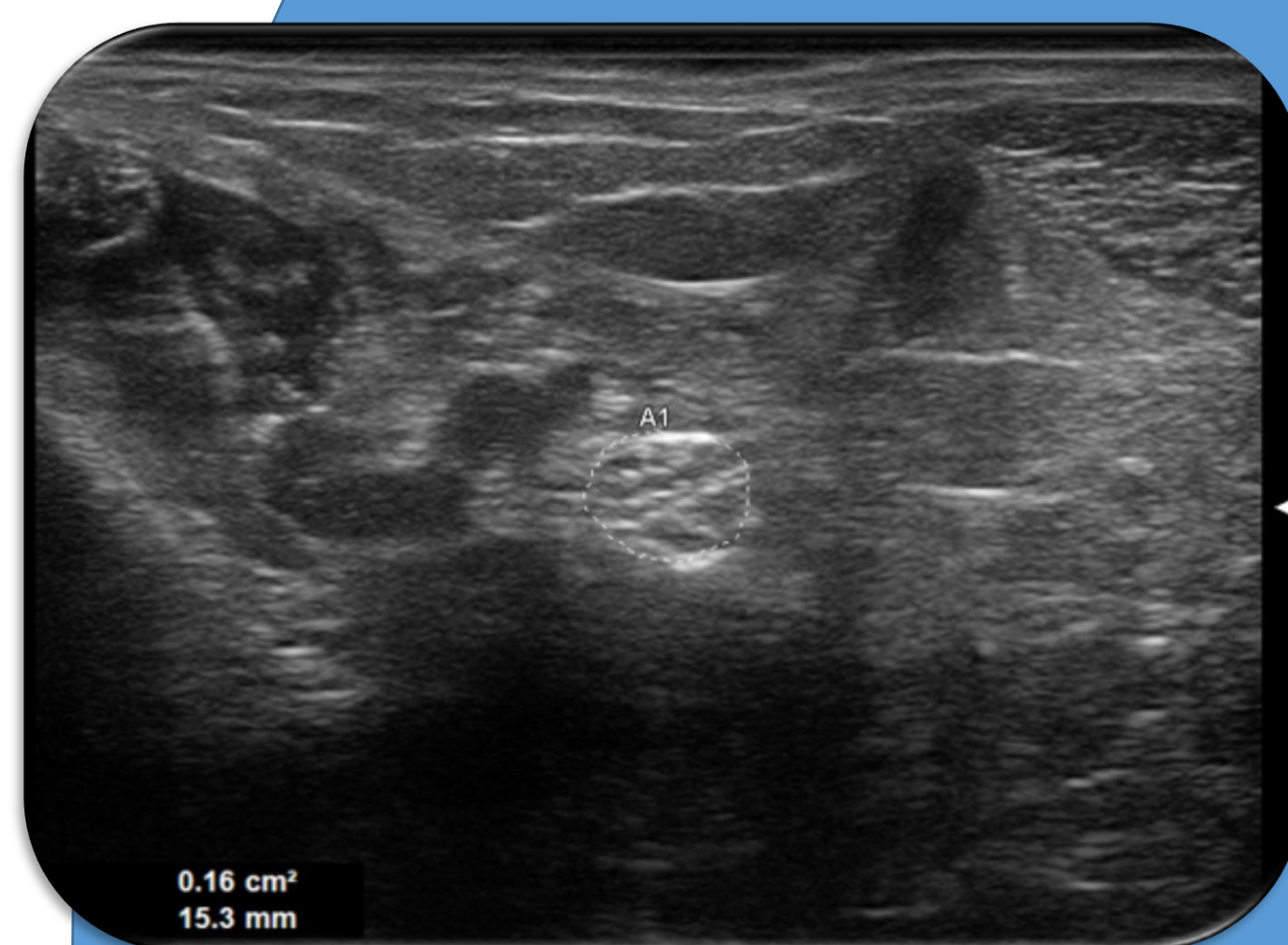
Multiplex mononeuritis is a neuropathy in which 2 or more non-contiguous nerves are affected at the same time and has its origin in various etiologies, the main one being vasculitis, with **polyarteritis nodosa** (PAN) being the least common. We present the case of a patient diagnosed with PAN and **mononeuritis multiplex** managed with immunosuppressive therapy in addition to escharectomy and debridement with adequate response.

## CASE REPORT

76-year-old female patient with chronic alteration of sensation in lower limbs with subsequent acute appearance of skin lesions, skin biopsy with fibrin thrombi in small and medium caliber vessels and electrophysiology studies with signs compatible with an **asymmetric axonal sensory motor polyneuropathy** in chronic phase, managed with good results with prednisolone, methotrexate and cyclophosphamide.



Right Tibial Nerve



Left Tibial Nerve



## DISCUSSION

Polyarteritis nodosa is a low prevalence disease with a variety of signs and symptoms that manifests depending on the affected territory, causing descending ischemia and fibrinoid necrosis, in addition to injury of the vasa nervorum that may involve the peripheral nervous system, so it is necessary an interdisciplinary study to establish a prompt treatment and avoid fatal outcomes.

**Keywords: mononeuritis multiplex, polyarteritis nodosa, vasculitis (DeCS)**