



TITLE: Intravascular Myopericytoma: A Case Report

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ABSTRACT

Myopericytoma is a rare tumor that arises from perivascular myoid cells. Intravascular myopericytoma is an exceptionally rare subtype with a small number of cases reported. Here, we describe the case of a 31-year-old woman who presented with a lump on the dorsum of the right foot for nine months. Imaging indicated that the lesion is in close proximity to the dorsalis pedis vessels. Following surgical excision, the histological analysis revealed a benign neoplasm arising within a vein wall with features of vascular and pericytic differentiation. When using immunohistochemistry, the blood vessels were highlighted by the cluster of differentiation (CD) 31 and smooth muscle actin (SMA) with negative staining for pancytokeratins. These features led to the diagnosis of intravascular myopericytoma.

BIOGRAPHY (upto 200 words)

Mohamed Ali Babiker Mohamed plastic surgery registrar at University Hospitals Plymouth. I received Bachelor of Medicine and Surgery from university of Khartoum faculty of medicine and a membership from the royal College of surgeons of Edinburgh. Currently working with the Plastic and Reconstructive surgery department at University Hospitals Plymouth. I'm interested in skin oncology, microsurgery and hand surgery.

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