Elastic Stain (VVG stain)
Is this an artery or a vein?
Varicose vein with arterialization changes
Veins in the lower extremities may exhibit arterialization changes due to increased hydrostatic pressure.

An elastic stain may show an internal elastic lamina, similar to an artery, in these veins.

The key is to identify scattered elastic fibers distributed through the muscular layers in the veins, a feature lacking in arteries.

Elastic Stain with Scattered Elastic Fibers in Muscular Layers of veins

Arterialization Pattern in Lower Extremity Veins

Internal Elastic Lamina