Invasive Squamous Cell Carcinoma Invading through Ear Cartilage
Invasive SCCA Involving cartilage

Ear cartilage
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.

Chen KR.
The misdiagnosis of superficial thrombophlebitis as cutaneous polyarteritis nodosa: features of the internal elastic lamina and the compact concentric muscular layer as diagnostic pitfalls.
Elastic Stain with Scattered Elastic Fibers in Muscular Layers of Veins

Arterialization Pattern in Lower Extremity Veins

Internal Elastic Lamina
What is the best diagnosis?

A. Granuloma annulare
B. Rheumatoid nodule
C. Sarcoidosis
D. Xanthogranuloma
E. Tuberculoid leprosy
Deep Granuloma Annulare
Palisading Granulomas in deep reticular dermis

Superficial and deep perivascular and interstitial dermatitis

Mucinous necrobiosis
What is the best diagnosis?

A. Dermatofibroma
B. Neurofibroma
C. Neurilemmoma
D. Palisaded and Encapsulated Neuroma
E. Dermatofibrosarcoma Protuberans
Dermatofibrosarcoma Protuberans
Diffuse Spindle Cells

“Swiss-Cheese” Pattern Of adipose tissue

Storiform pattern
Accessory Breast Tissue
Breast Lobules And ducts

Clinically, usually in the “milk line”

Pauci-cellular stroma