

Dermatopathology Differential Diagnosis Dermal Material

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Must Know Diseases

Disease	Differentiating Traits
Amyloidosis, nodular	Amorphous pink material with plasma cells
Calcinosis cutis	Blue-purple chunks
Erythropoietic Protoporphyrria	Amorphous pink material around vessels and in upper dermis
Gel foam	Blue interconnected ribbons
Lipoid proteinosis	Amorphous pink material filling the entire dermis, often around adnexae
Ochronosis	Brown-orange banana shapes
Osteoma cutis	Well-defined pink shapes with nuclei
Paraffinoma	Irregular circular spaces like Swiss cheese
Pseudoxanthoma elasticum	Squiggly blue lines
Tattoo	Black particles within macrophages and free in dermis

Rarer Diseases

Disease	Differentiating Traits