



Could you please first segment the retinal vasculature in this image, and then perform a diagnostic analysis of the pathological changes present?



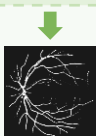
Sure, it is [SEG].



LISA

Sure, it is [SEG]. Firstly, the modality of the image is a fundus photograph. Secondly, I will start to analyze the image: - The optic disc appears bright and well-defined. - There are several retinal vessels radiating from the optic disc. These include both arteries (which appear narrower) and veins (which appear wider). - Some areas in the retina show abnormal pigmentation or lesions that may indicate pathology. Thirdly, - One notable lesion near the center-left part of the image could be indicative of **age-related macular degeneration (AMD)**, characterized by drusen deposits which can lead to yellowish spots on the retina. - Another potential sign might be pigmentary changes around this area as AMD progresses. Finally, The specific eye lesion illustrated in the image is: **AMD**.

Intermediate
result



Sim4Seg