

## Comparison of Vessel Detection in Standard vs Ultra-WideField Retinal Images

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**Abstract :** Retinal imaging with Ultra-WideField (UWF) view technology has opened up new avenues in the field of retinal pathology detection. Recent developments in retinal imaging such as Optos California Imaging Device helps in acquiring high resolution images of the retina to help the Ophthalmologists in diagnosing and analyzing eye related pathologies more accurately. This paper investigates the acquired retinal details by comparing vessel detection in standard 450 color fundus images with the state of the art 2000 UWF retinal images.

**Keywords :** color fundus, retinal images, ultra-widefield, vessel detection

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