

# VisionAI — Clinical Report

## Doctor Summary (Detailed)

Patient ID	aug_3223686
Age	61.0
Gender	Male
BP (S/D)	142.0 / 72.0
Glucose (mg/dL)	110.0

### Automated Diagnosis

**Detected Stage:** PDR

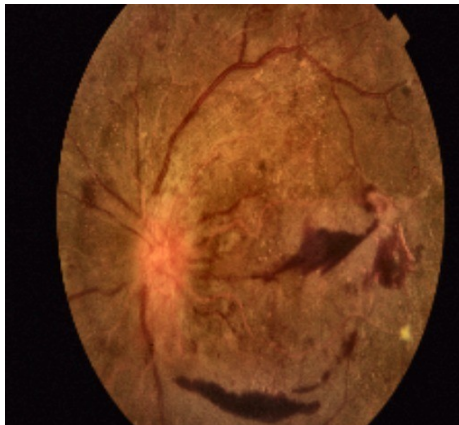
**Risk Level:** Critical

**Model Confidence:** 76.51% (Estimated from lesion coverage (heuristic))

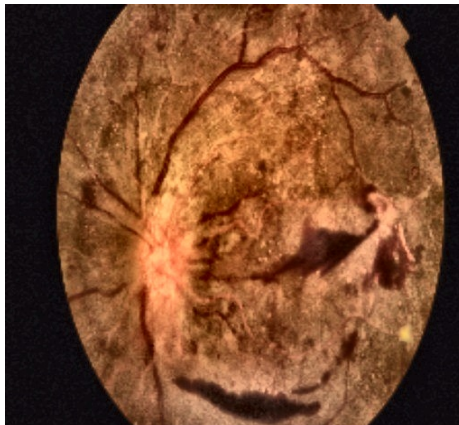
**Lesion Coverage:** 26.51%

Visuals: [Original](#) / [Preprocessed](#) / [Grad-CAM](#) / [LIME](#) / [SHAP](#)

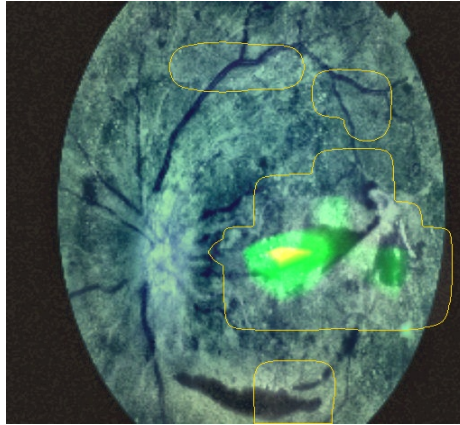
Original



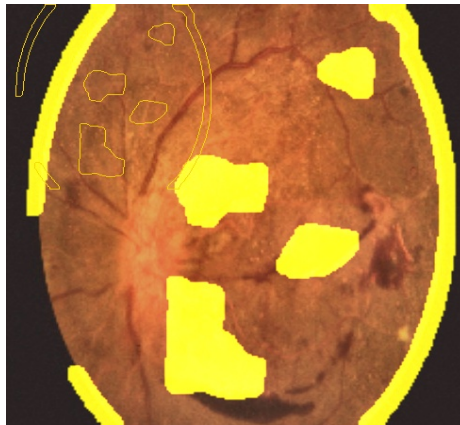
Preprocessed



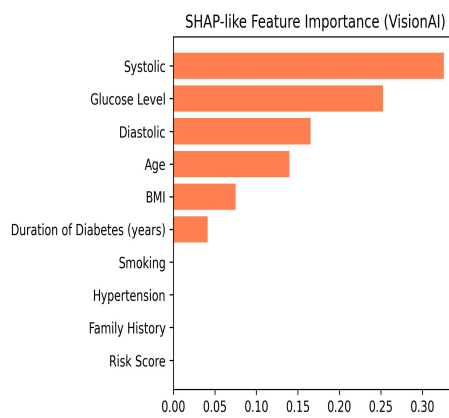
Grad-CAM++



LIME



SHAP (metadata)



## Clinical Recommendations

- Urgent referral to ophthalmology if stage == PDR or Risk == Critical.
- Control glycemia and blood pressure; repeat retinal imaging in 1 month if worsening.
- Consider fluorescein angiography for detailed vascular assessment.