VisionAI — Clinical Report

Doctor Summary (Detailed)

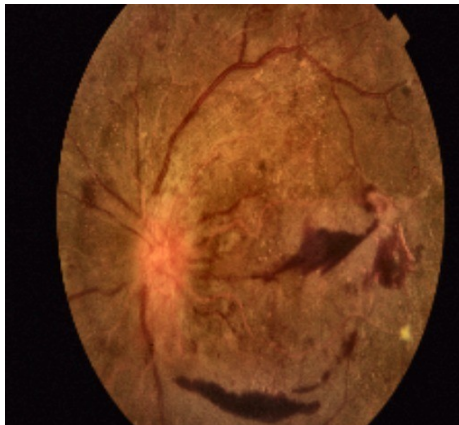|	
Patient ID	aug_3223686
Age	61.0
Gender	Male
BP (S/D)	142.0 / 72.0
Glucose (mg/dL)	110.0

Automated Diagnosis

Detected Stage: PDR
Risk Level: Critical
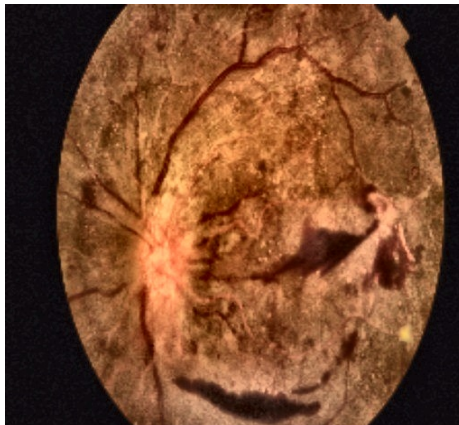**Model Confidence:** 0.96% (From model (provided))
Lesion Coverage: 26.51%

Visuals: Original / Preprocessed / Grad-CAM / LIME / SHAP

Original

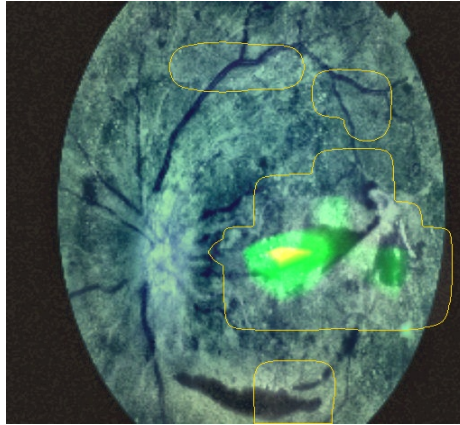

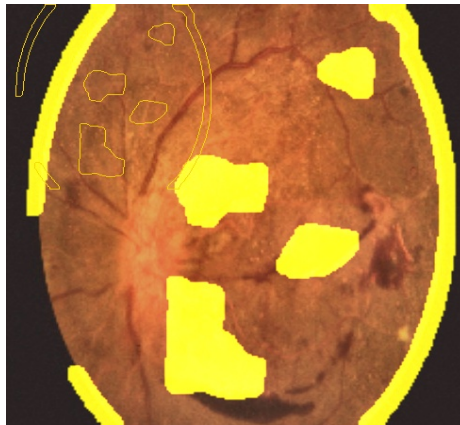**Preprocessed**

Grad-CAM++

LIME

SHAP (metadata)

SHAP-like Feature Importance (VisionAI)
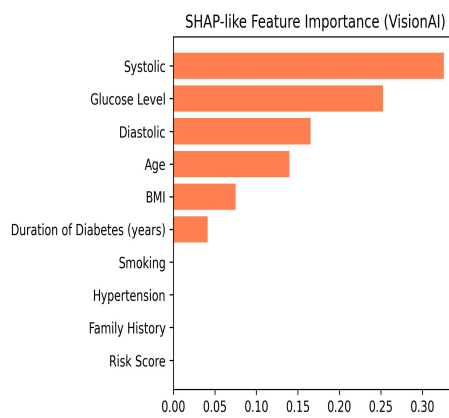
Clinical Recommendations

- 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.