

Stage: PDR

Metadata Snapshot

Name: sebastain

Age: 89

Gender: Female

Systolic (mmHg): 180

Diastolic (mmHg): 110

BMI: 30

Glucose: 432

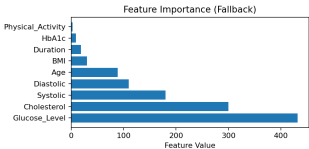
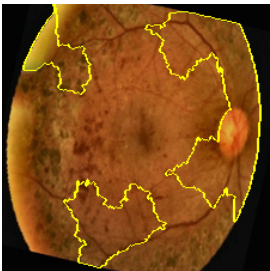
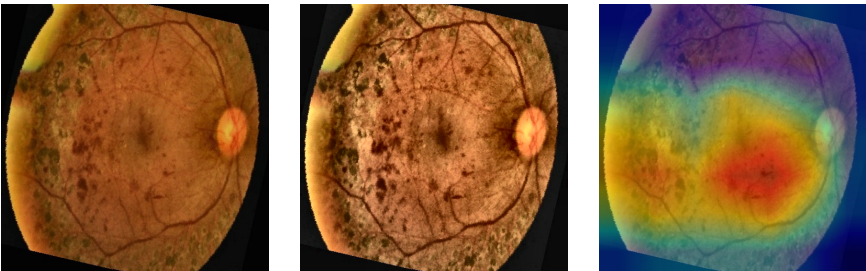
HbA1c: 8.9

Cholesterol: 300

Smoking: Yes

Hypertension: Yes

Diabetes Duration: 19



Summary

- Clinical Report — Ophthalmology
- Patient: sebastain
- Automated Diagnosis:

- **Predicted Stage:** Pdr
- Confidence: 85.43%
- Risk Score: 96.2%
- Findings:
- Automated lesion quantification and explainability analyses (Grad-CAM, LIME, SHAP) support the predicted disease stage.
- Clinical Interpretation:
- The findings are consistent with diabetic microvascular damage. Correlation with clinical examination and OCT imaging is recommended where appropriate.
- Performance Reference:
- Accuracy: 0.947 | F1-score: 0.938 | AUC: 0.971
- VisionAI is intended for decision support and audit assistance.

