Stage: PDR

Metadata Snapshot

Name: sebastain
Age: 89
Gender: Male
Systolic (mmHg): 180
Diastolic (mmHg): 110
BMI: 30
Glucose: 432
HbA1c: 8.9
Cholesterol: 300
Smoking: Yes
Hypertension: Yes
Diabetes Duration: 19
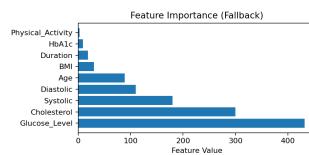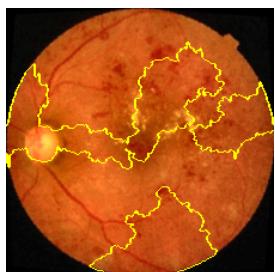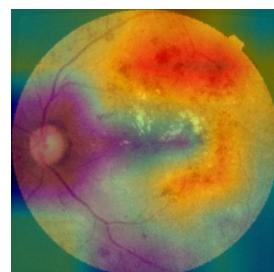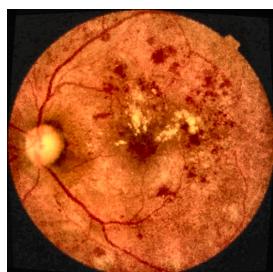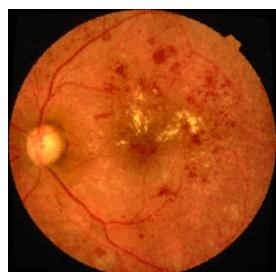
Feature Importance (Fallback)

Summary

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

- Predicted Stage: Pdr

- Confidence: 81.4%

- Risk Score: 95.91%

- 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.

Lesion Distribution (%)

Model Performance Metrics