

## Stage: PDR

## Metadata Snapshot

■■■■■: sebastain

■■■■■■■: 89

■■■■■: Male

■■■■■■■■■■■ (mmHg): 180

■■■■■■■■■■■ (mmHg): 110

BMI: 30

■■■■■■■■■: 432

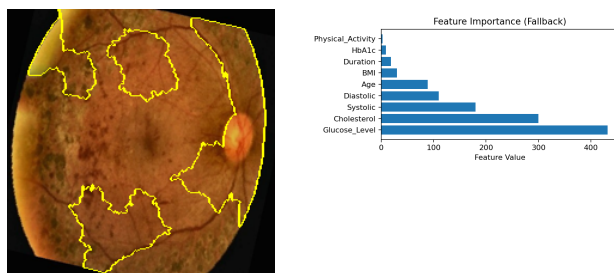
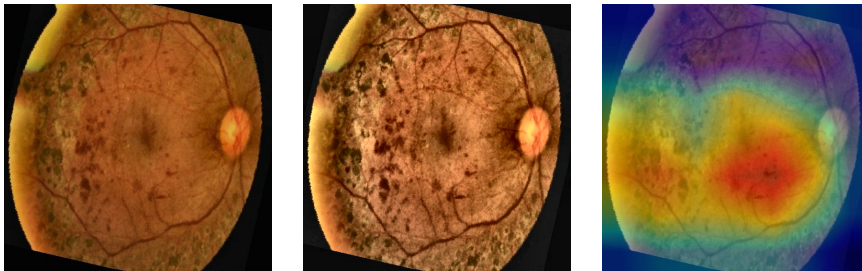
HbA1c: 8.9

■■■■■■■■■■■: 300

■■■■■■■: Yes

■■■■■■■■■■■: Yes

■■■■■■■ ■■■■: 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.

