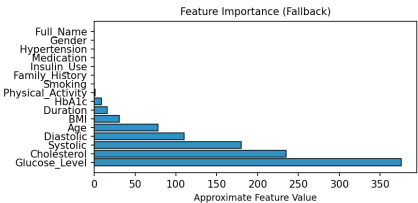
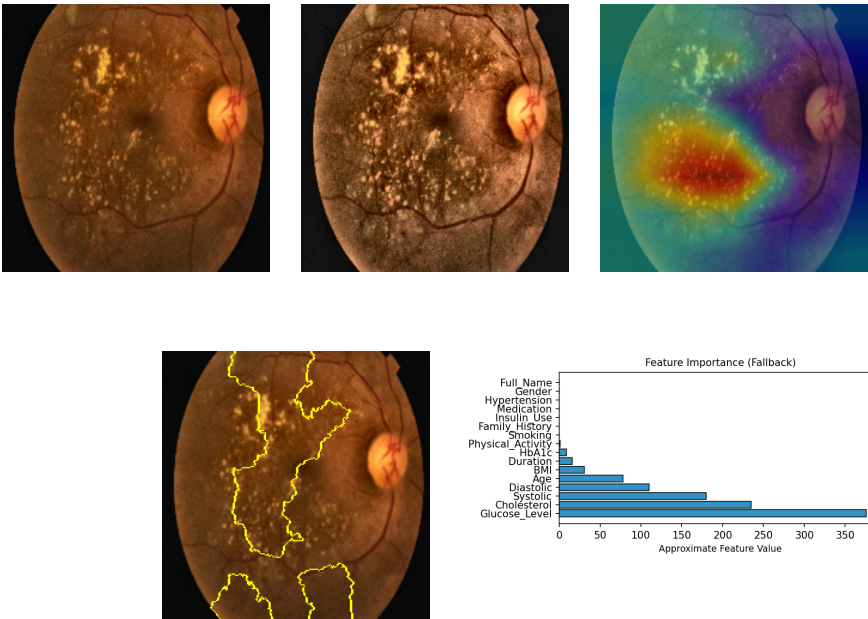


Stage: SEVERE

Metadata Snapshot

Name: solomon
Age: 78
Gender: Male
Systolic (mmHg): 180
Diastolic (mmHg): 110
BMI: 30.8
Glucose: 376
HbA1c: 8.6
Cholesterol: 235
Smoking: Yes
Hypertension: Yes
Diabetes Duration: 16



Summary

- Patient: solomon
- Predicted Stage: Severe
- Confidence: N/A, AUC: 0.97, Risk Score: 0.0%
- Automated Lesion Summary: exudates 4.3%, hemorrhages 2.5%, cotton wool 0.0%, microaneurysms 17.1%, neovascularization 25.0%, total lesion load 23.9%

- Interpretation: Widespread hemorrhages, venous beading — likely severe NPDR.
- Recommendation: Urgent ophthalmology referral.
- Review explainability overlays (GradCAM / LIME / SHAP) for verification.

