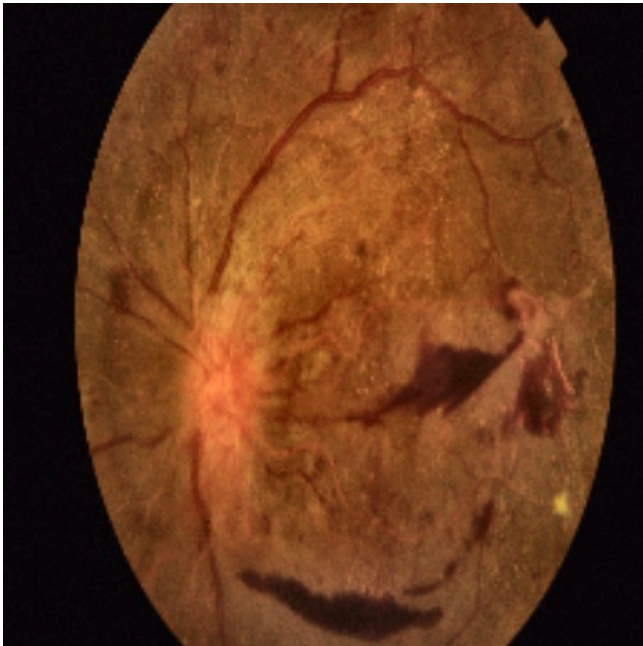




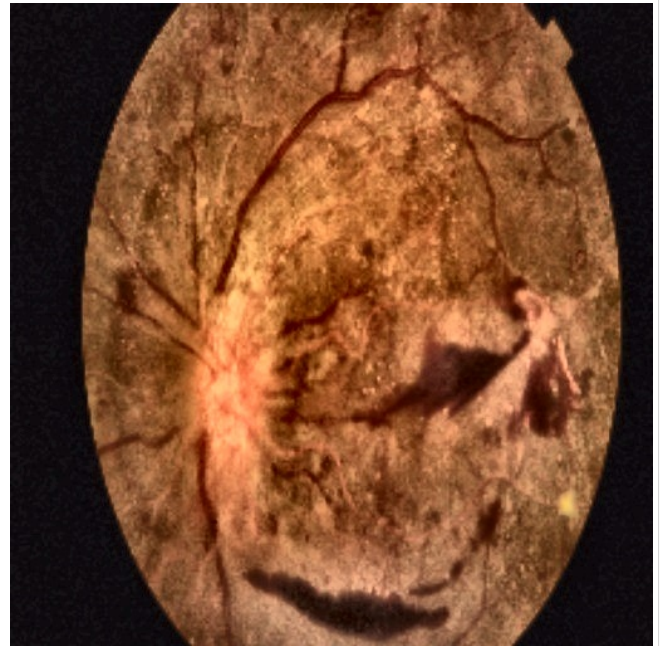
VisionAI Patient Report

Patient ID	VAI_5653
Name	Priya Menon
Age	64
Gender	Male
Blood Pressure	142/72
Glucose Level	110 mg/dL
Predicted Stage	PDR
Confidence	97.0%

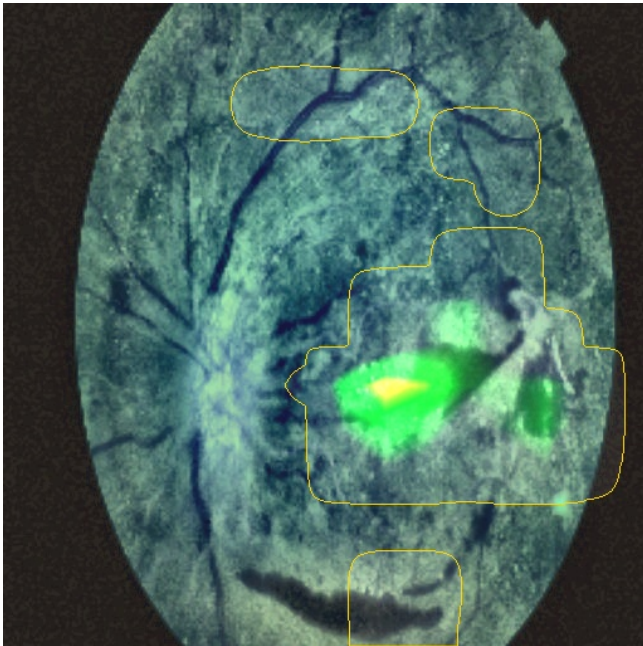
Original Fundus Image



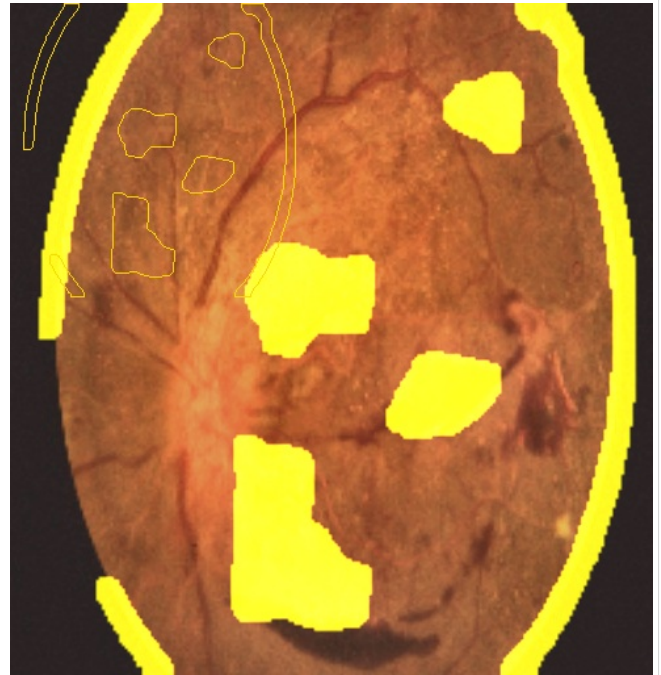
Preprocessed (CLAHE)



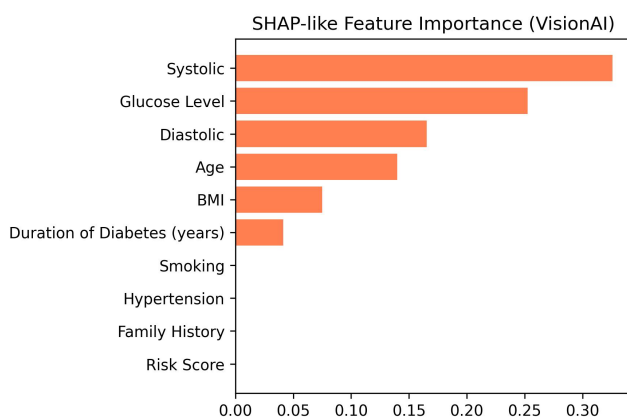
Grad-CAM++



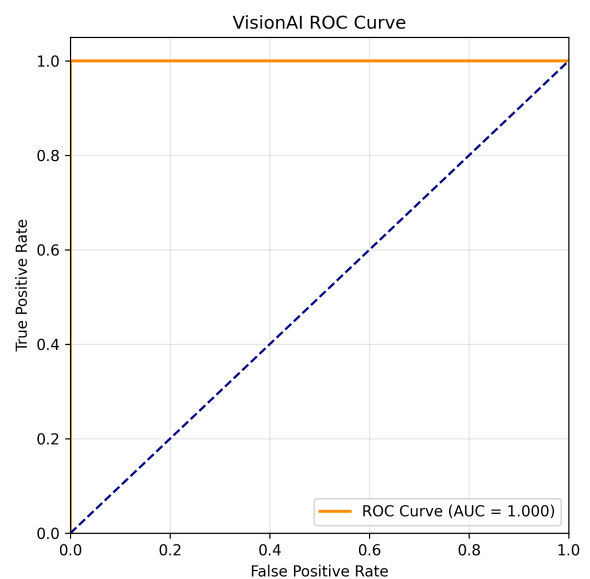
LIME Visualization



SHAP Importance



ROC Curve



Your AI Vision Report

Hello **Priya Menon**, VisionAI analyzed your eye image and found signs of **PDR** (AI confidence: **97.0%**).

What This Means:

This indicates early or advanced changes in your retina caused by diabetes. It's important to act quickly to prevent any risk to your eyesight.

Next Steps:

- Consult an ophthalmologist soon.
- Maintain strict sugar and BP control.
- Avoid smoking and stay physically active.

Healthy Lifestyle Tips:

- Eat foods rich in Omega-3, vitamins A, C, and E.
- Keep your glucose levels in check and follow a balanced diet.
- Exercise at least 30 minutes daily.

Do's and Don'ts:

- Do monitor your sugar levels regularly.
- Do attend your scheduled eye check-ups.
- Don't skip meals or stop medicines suddenly.
- Don't ignore minor vision changes.

This AI report is a screening aid. Please follow up with your doctor for final medical advice.