

VisionAI — Patient Report

AI-assisted Retinal Screening — VisionAI

Generated: 2025-11-07 06:39:39

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Patient Metadata

Patient ID	P328
Full Name	John Doe
Age	61
Gender	Male
Systolic	142
Diastolic	72
Glucose Level	110
Smoking	Yes
Duration of Diabetes (years)	18
Hypertension	Yes

Image Visualizations



Original

Preprocessed: Image unavailable

Gradcam: Image unavailable

Lime: Image unavailable

Shap: Image unavailable

Screening Summary

Result: **PDR** (confidence 96.0%). Estimated lesion coverage on the photo: **26.5%**.

What this means

Minor bleeding or fluid leaks were detected in parts of the retina. These changes may affect vision over time if not managed.

Immediate steps

- Schedule a visit with an ophthalmologist within 1 week.
- Seek emergency attention for sudden vision changes.

Prevention & lifestyle

- Maintain blood sugar targets (discuss HbA1c with your physician).
- Control blood pressure and lipids.
- Stop smoking.
- Regular exercise (\approx 30 min/day) and a balanced diet rich in leafy greens and omega-3 sources.

Follow-up

Regular retinal screening every 6–12 months or as advised by the specialist. This tool is a screening aid and not a definitive diagnosis.