



■ Enhanced Retinology AI - Medical Report

Analysis Date:	2025-11-09 12:00:43
Image File:	user_normal_1.png
AI Model:	ResNet50 + ImageNet Pre-trained
Analysis ID:	RPT-20251109120043

Patient Retinal Image



Image File: user_normal_1.png

Primary Diagnosis

Condition:	Normal - Healthy Eye
Confidence:	92.9%
Severity Level:	Class 0 of 4

Technical Analysis

- Image Resolution: 2088 x 1599 pixels (3,338,712 total)
- Mean Brightness: 71.6 (0-255 scale)
- Brightness Variation: 41.6
- Contrast Ratio: 0.581
- Dark Pixel Regions: 21.8% (potential hemorrhages)
- Bright Pixel Regions: 11.7% (potential exudates)
- Image Quality: High
- Analysis Confidence: Based on feature extraction

Risk Assessment

- Vision Loss Risk: Very Low
- Progression Risk: Minimal
- Urgency Level: Routine monitoring

Recommended Follow-up

- Next Eye Exam: 12 months
- Diabetic Screening: Annual
- Self-monitoring: Report vision changes

IMPORTANT MEDICAL DISCLAIMER

This AI analysis is for screening purposes only. Always consult qualified ophthalmologists for proper medical diagnosis and treatment decisions. This report should not be used as the sole basis for medical decisions.