EYE DISEASE CLASSIFICATION REPORT

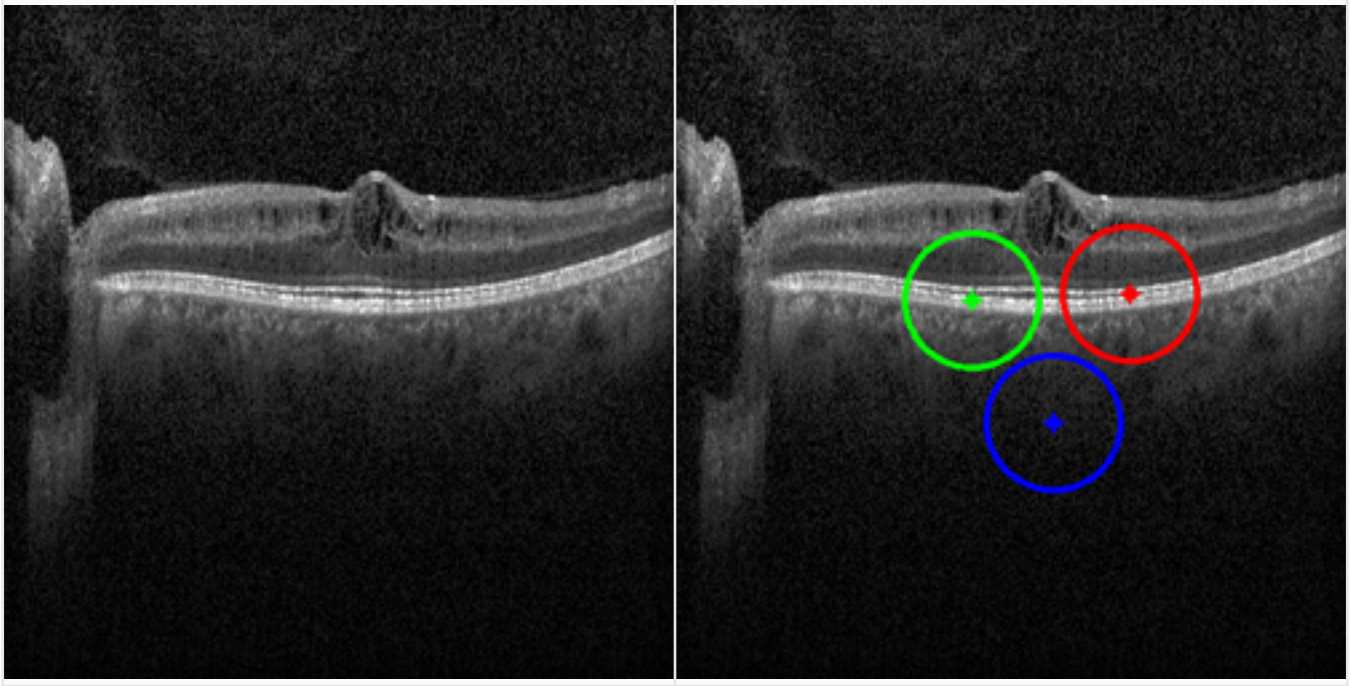
AI-Powered Medical Image Analysis

Generated on November 25, 2025 at 03:32 PM

PATIENT INFORMATION

Patient ID	PATF0B7D7	Phone	N/A
Name	Anand	**Email**	N/A
Age	20	**Address**	bengaluru
Gender	M	**Medical History**	
Date of Birth	2005-03-19	**Medications**	

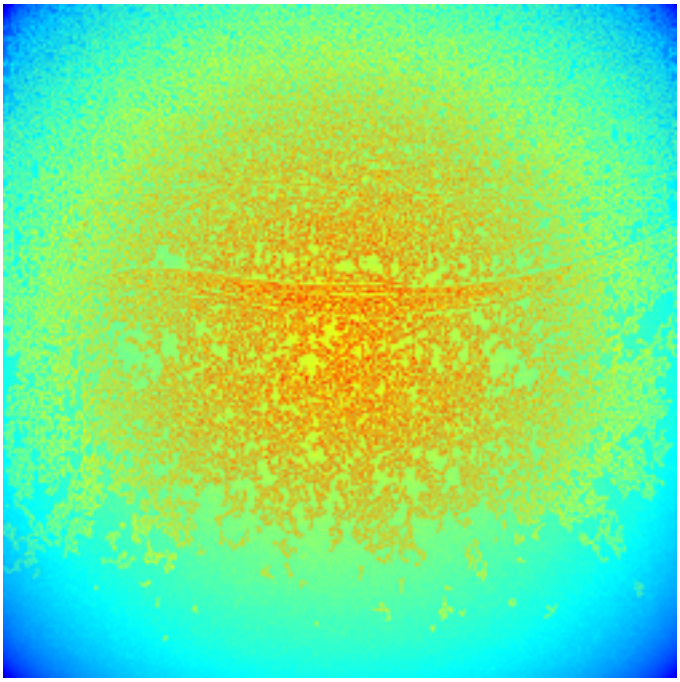
IMAGE ANALYSIS



■ Original Image ■ Affected Areas

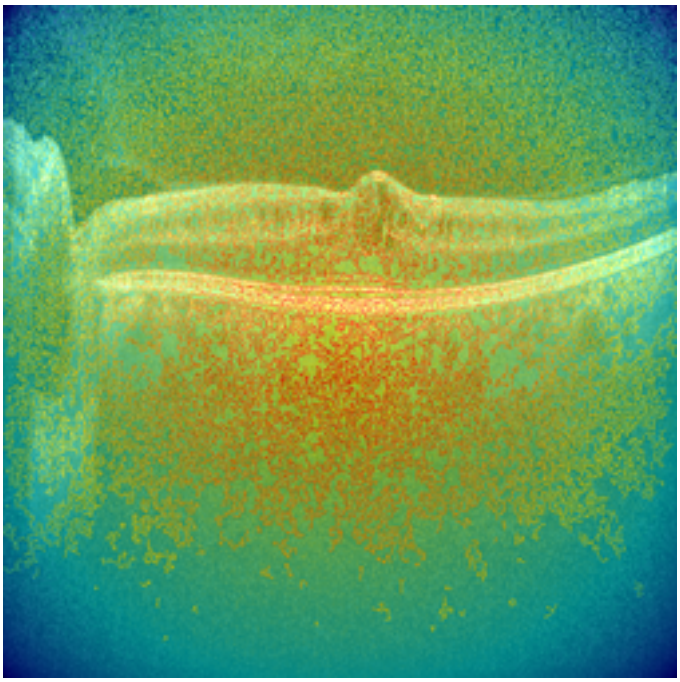
DETAILED VISUALIZATION ANALYSIS

■ Tab 1: AI Heatmap



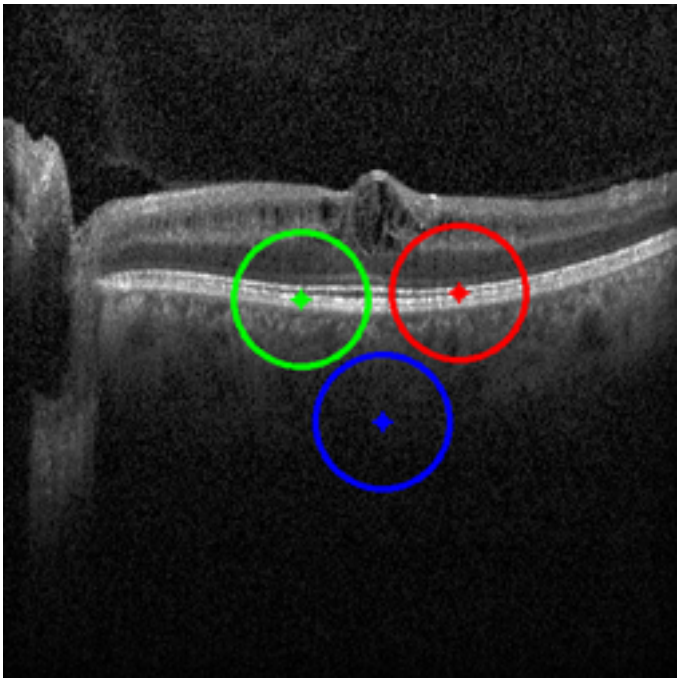
AI attention heatmap - Red/yellow areas show disease patterns.

■ Tab 2: Heatmap Overlay



Blended heatmap overlay - Shows disease patterns in anatomical context.

■ Tab 3: Affected Areas



Colored contours mark specific disease-affected regions for easy identification.

Primary Diagnosis	**Diabetic Macular Edema**
Confidence Level	**93.3%**

■ AI-POWERED DAILY CARE RECOMMENDATIONS

1. Strictly control blood sugar levels - check multiple times daily
2. Take anti-VEGF injections as scheduled by your retina specialist
3. Use an Amsler grid daily to monitor central vision changes
4. Avoid activities that cause eye strain or increase blood pressure
5. Keep all follow-up appointments for OCT scans and monitoring

LIFESTYLE MODIFICATIONS

1. Follow a strict diabetic diet with consistent carbohydrate intake
2. Monitor blood pressure daily - keep below 130/80
3. Reduce sodium intake to prevent fluid retention
4. Engage in moderate exercise approved by your doctor

■■ WARNING SIGNS TO WATCH FOR

1. Distortion or wavy lines in central vision
2. Difficulty reading or recognizing faces
3. Dark or empty area in center of vision
4. Sudden worsening of vision

PROFESSIONAL MEDICAL ADVICE

AI-Generated Personalized Recommendations for Diabetic Macular Edema

• Urgent consultation with a retina specialist is recommended. Blood sugar control and possible anti-VEGF therapy.

ADDITIONAL NOTES

• This report is generated using advanced AI-based image analysis

- Results should be interpreted by qualified medical professionals
- Early detection and treatment are crucial for preserving vision
- Image quality affects classification accuracy

MEDICAL DISCLAIMER

This report is generated for educational and research purposes only. The AI-based classification results should not be used as a substitute for professional medical diagnosis, treatment, or advice. Always consult with qualified healthcare professionals for medical decisions. The accuracy of the classification depends on image quality and other factors.
