EYE DISEASE CLASSIFICATION REPORT

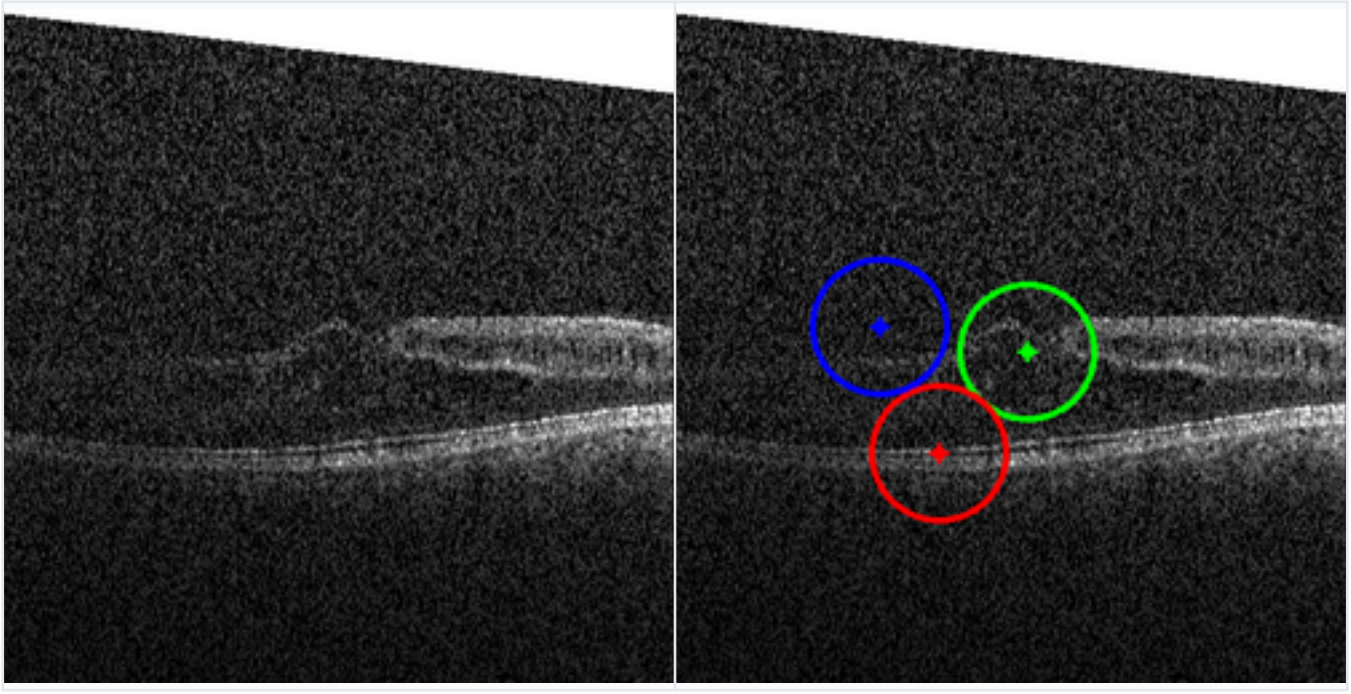
AI-Powered Medical Image Analysis

Generated on November 25, 2025 at 06:32 PM

PATIENT INFORMATION

Patient ID	PAT16ED91	**Phone**	N/A
Name	B Naga Abhilash	**Email**	N/A
Age	18	**Address**	Gulbarga
Gender	Male	**Medical History**	No
Date of Birth	2007-05-18	**Medications**	Eye pain

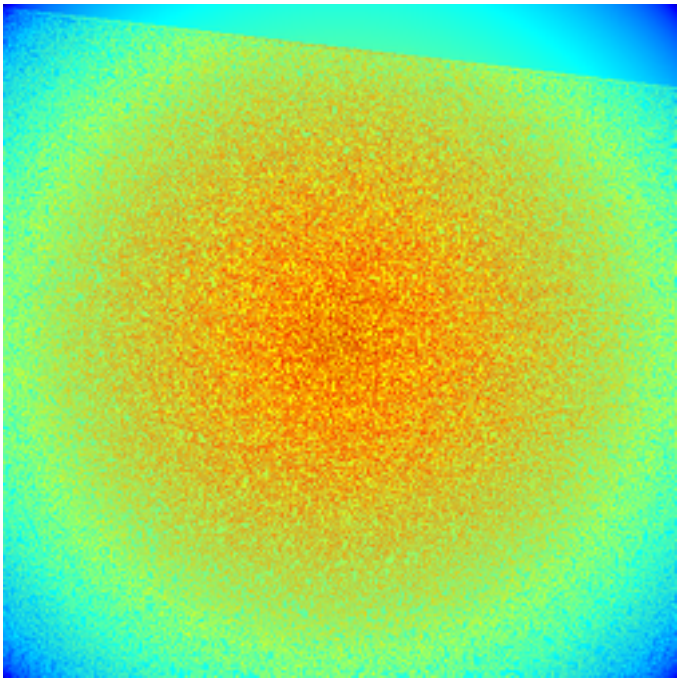
IMAGE ANALYSIS



■ Original Image ■ Affected Areas

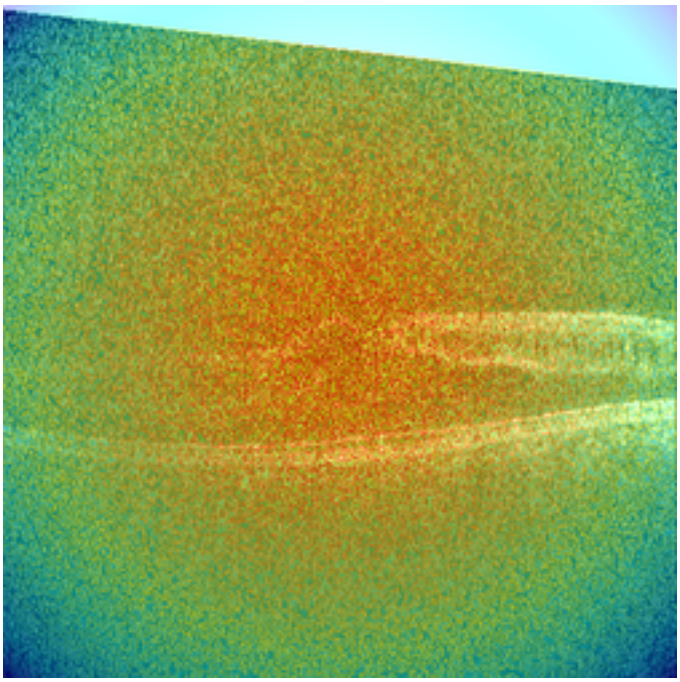
DETAILED VISUALIZATION ANALYSIS

■ Tab 1: AI Heatmap



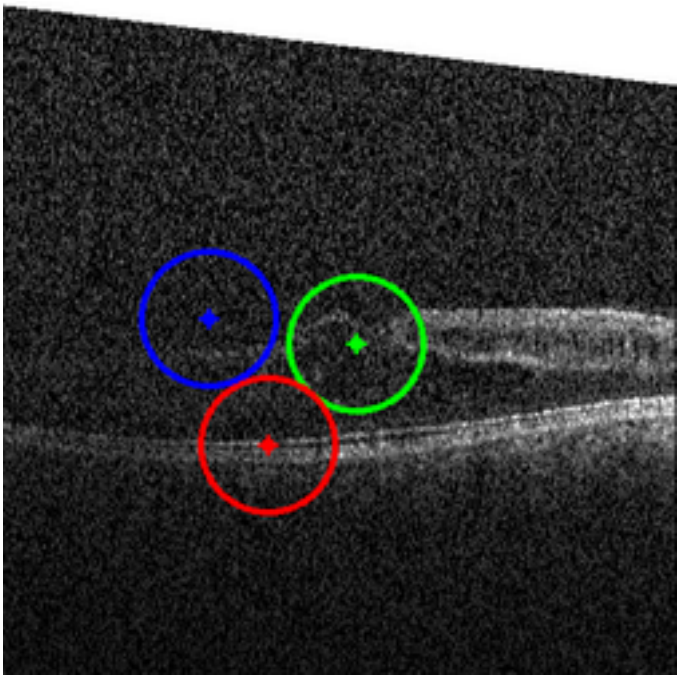
AI attention heatmap - Red/yellow areas show disease patterns.

■ 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	**Drusen**
Confidence Level	**94.2%**

■ AI-POWERED DAILY CARE RECOMMENDATIONS

1. Take AREDS2 vitamin supplements daily as recommended
2. Monitor vision with an Amsler grid weekly
3. Schedule comprehensive eye exams every 6-12 months
4. Protect eyes from UV light with wraparound sunglasses
5. Maintain good lighting for reading and close work

LIFESTYLE MODIFICATIONS

1. Eat a Mediterranean-style diet rich in fish and vegetables
2. Exercise regularly to improve cardiovascular health
3. Maintain healthy weight and blood pressure
4. Quit smoking - it doubles AMD progression risk

■■ WARNING SIGNS TO WATCH FOR

1. New distortion or wavy lines in vision
2. Difficulty adapting to low light
3. Blurred or decreased central vision
4. Need for brighter light when reading

PROFESSIONAL MEDICAL ADVICE

AI-Generated Personalized Recommendations for Drusen

• Regular monitoring by an ophthalmologist is recommended. This may indicate early age-related macular degeneration.

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.
