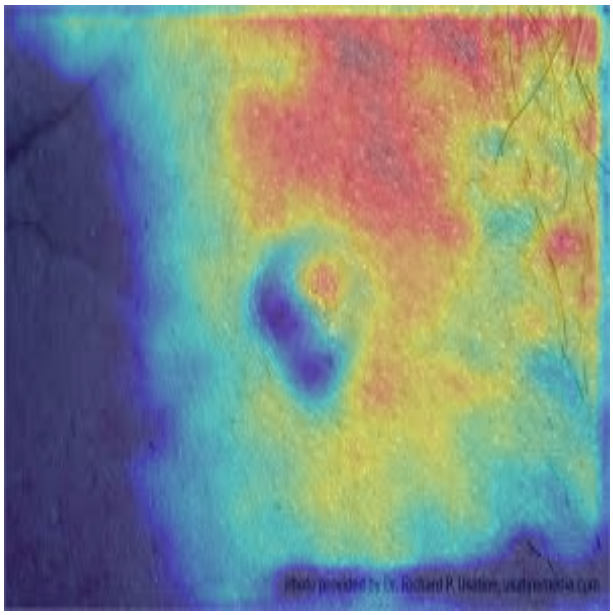
AI Skin Cancer Detection Report

Date: 02 Feb 2026, 10:01 PM
Patient ID: Anonymous

Uploaded Skin Image

Grad-CAM Heatmap



Model Prediction

Detected Class: **Benign**
Confidence Score: **67.53%**
Risk Level: **HIGH**

ABCDE Analysis

A – Asymmetry: Low (0.11)
B – Border: Highly Irregular (3.63)
C – Color: Moderate (3 colors)
D – Diameter: 13.46 mm (Above Risk Threshold)
E – Evolution: Moderate Change

AI Clinical Summary

Here is an analysis based on the provided AI data: --- **1. Concise Clinical-Style Summary** The AI analysis predicts a benign classification (67.53% probability) for the skin lesion. However, it assigns an overall HIGH risk level due to several concerning morphological features identified via the ABCDE criteria. Specifically, the lesion exhibits highly irregular borders, multiple color variations (3 colors), a diameter of 13.46 mm (exceeding typical risk thresholds), and reported moderate evolution. **2. Risk Interpretation** Despite the probabilistic prediction towards benignity, the "HIGH" risk level is primarily driven by the presence of multiple atypical morphological features. These include a highly irregular border, the presence of three distinct colors, a large diameter exceeding 13 mm (significantly above the 6mm threshold often associated with increased risk), and reported moderate changes over time. These combined features are commonly associated with increased clinical suspicion for melanoma or other atypical lesions, warranting further investigation regardless of the initial benign probability score. **3. Recommended Next Steps** Given the discrepancy between the AI's benign prediction and the high-risk assessment based on several concerning morphological features, a comprehensive clinical evaluation by a qualified healthcare professional, ideally a dermatologist, is strongly recommended. This evaluation should include a thorough visual inspection, dermoscopy, and potentially further diagnostic procedures such as a biopsy, to accurately assess the nature of the lesion. Prompt follow-up is advisable. **4. Clear Disclaimer** This AI-based analysis is for informational purposes only and is not a substitute for professional medical advice, diagnosis, or treatment. It does not constitute a medical diagnosis. Always seek the advice of a qualified healthcare provider for any questions regarding a medical condition or before making any decisions related to your health or care. This AI cannot diagnose and does not claim certainty.