

# Ovarian Cyst Classification Report

## Patient Information

Patient Name: Joy Nduati

Patient ID: 9999

Age: 45

Gender: Female

Date of Scan: 2025-11-23

Clinical Notes: Pelvic pain

## Classification Results

Verification Score: 0.700

Predicted Class: Simple/Benign Cyst

P(Simple): 0.522

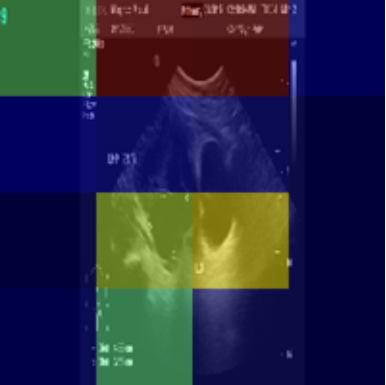
P(Complex): 0.478

## Ultrasound Images and Explainability

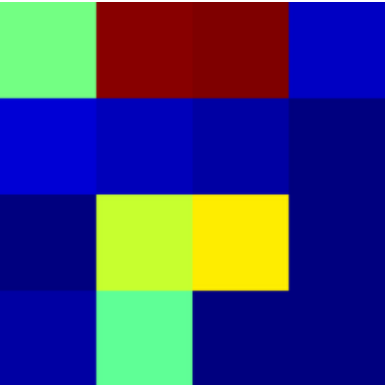
Original Ultrasound Image:



Explainability Overlay (Occlusion-based):



Explainability Heatmap (Occlusion-based):



## **Radiologist Annotation**

Radiologist: Dr. Cicily Mutheu

Comments: The cyst is probably complex / malignant due to the low confidence score. The patient should come back for checkup after 3 weeks.

Severity: High

Follow-up: Observe pain levels and report after 3 weeks

*Model Disclaimer: For clinical decision support only. Not a replacement for expert diagnosis.*

*Report Generated: 2025-11-23 06:53:01 UTC*

*Case Created: 2025-11-23 06:50:00 UTC*

*Clinician: Cicily Mutheu*