Ki-67 Proliferation Assessment Report

Patient Information

Analysis ID	2418d121
Analysis Timestamp	2025-12-03T12:05:38.243264
Patient Name	PT-BATCH Case 1
Patient ID	PT-BATCH-001
Age	N/A
Gender	-
Contact	
Exam Date	2025-12-03
Physician	Batch Analysis
Clinical Notes	Batch upload - File: 87.png

Cell Detection Visualization

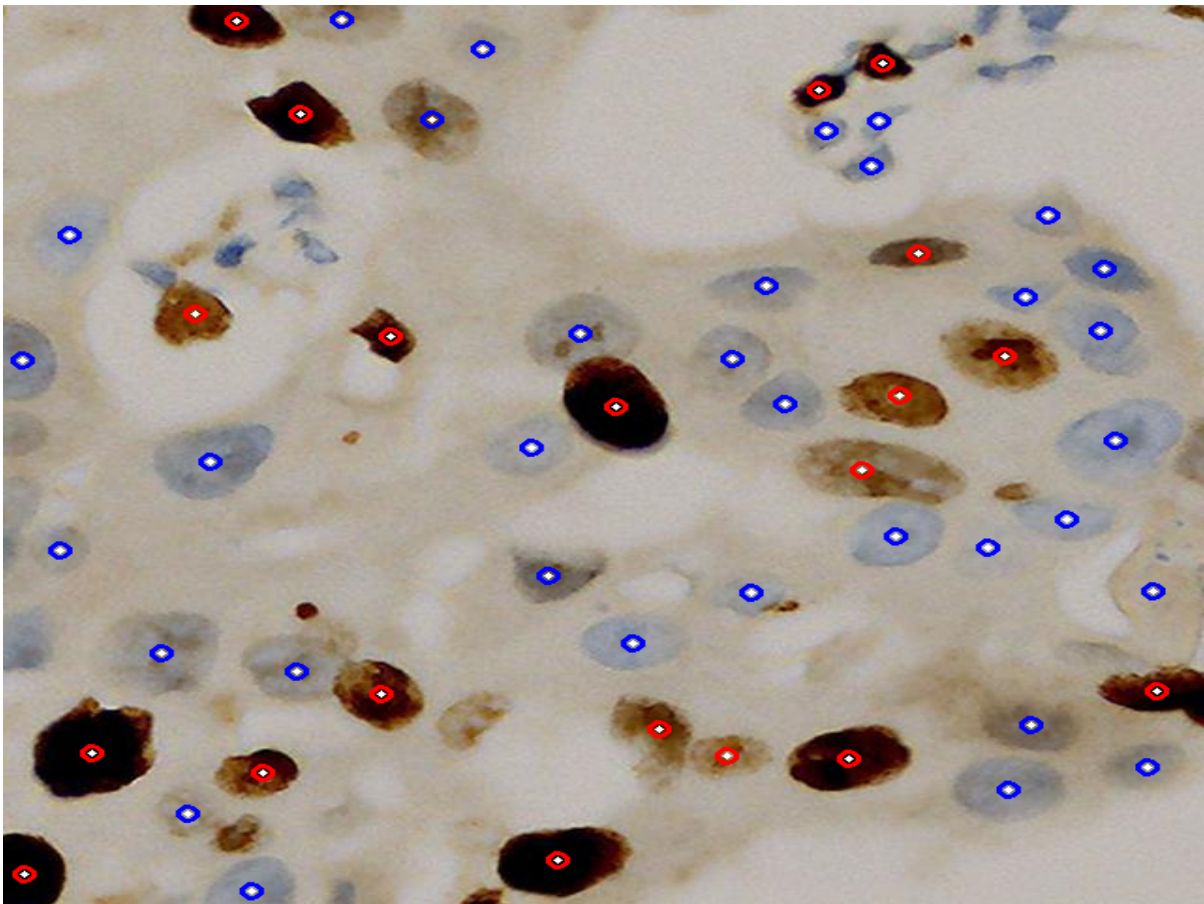Figure: Cell detection visualization with Ki-67 positive cells (green) and Ki-67 negative cells (red)

Analysis Results Summary

Metric	Value
Positive Cells (Ki-67+)	20
Negative Cells (Ki-67-)	34
Total Cells Detected	54
Ki-67 Proliferation Index	37.04%
Diagnosis Classification	Malignant
Risk Level	High Risk
Malignancy Status	Malignant

Quality Control Summary

Flagged for Review	No
Reason	Manual baseline unavailable
Classification Match	No

Clinical Interpretation

Ki-67 index ≥ 30% indicates high proliferative activity, consistent with malignant characteristics. Requires aggressive treatment protocols and close monitoring.

Clinical Recommendation

Immediate oncological consultation recommended. Consider chemotherapy, targeted therapy, and surgical intervention. Regular follow-up essential.

Detection Statistics

Cell Type	Count	Percentage
Ki-67 Positive Cells	20	37.0%
Ki-67 Negative Cells	34	63.0%

Reference Information

Ki-67 Proliferation Index Interpretation Guidelines:
• <5%: Very Low Proliferation (Benign)
• 5-10%: Low Proliferation (Low Malignant Potential)
• 10-20%: Moderate Proliferation (Borderline Malignant)
• >20%: High Proliferation (Malignant)

Note: This report is generated by an AI-assisted analysis system. Results should be reviewed by a qualified pathologist and correlated with clinical findings.