

PNEUMONIA DIAGNOSTIC REPORT

Date: 2025-04-29 12:54

Patient: pneumonia1

ML Analysis Results

CNN: Pneumonia (99.00% confidence, Accuracy: 95.2%)

XGBoost: Pneumonia (99.00% confidence, Accuracy: 80.5%)

Feature Analysis:

Feature	Normal Range	Detected Value	Status
Consolidation	0-5%	93.6%	Pneumonia
Haziness	0-10%	62.8%	Pneumonia
Bronchograms	0-2%	67.2%	Pneumonia
Opacity	0-8%	23.5%	Pneumonia
Effusion	0%	99.9%	Pneumonia
Interstitial	0-15%	38.3%	Pneumonia

Recommendations:

1. Consult a pulmonologist immediately
2. Get a complete blood test
3. Consider a follow-up X-ray in 2 weeks
4. Rest and stay hydrated
5. Monitor oxygen levels regularly