

# Chest X-ray AI Analysis Report

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## Top 3 Predicted Diseases and Probabilities:

1. lung;calcified granuloma;pulmonary atelectasis;cicatrix: 0.780 (78.0%)
2. aorta;atherosclerosis;lung;diaphragm;thoracic vertebrae;emphysema: 0.765 (76.5%)
3. deformity;deformity: 0.734 (73.4%)

## AI-Generated Medical Summary:

The heart is normal in size. The mediastinum is unremarkable. There is no pleural effusion, pneumothorax, or focal airspace disease. No acute cardiopulmonic abnormality.

## Lung Segmentation Analysis



Above: AI-generated lung segmentation mask highlighting the lung regions