

CARDIAC IMAGING REPORT

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PATIENT INFORMATION:

Patient ID: Patient_002
Age: 40
Gender: M
Report Date: September 26, 2025

CLINICAL HISTORY:

Cardiac imaging study performed for evaluation of cardiac function and structure.

IMAGING STUDIES:

CT STUDY:

Indication: Cardiac evaluation
Technique: Standard CT protocol

FINDINGS:

- Findings suggestive of coronary artery disease.
- Possible calcifications or narrowing observed in coronary arteries.
- Cardiac area: 0.344 (slightly enlarged)
- Image contrast: 0.283 (elevated, may indicate calcifications)
- CT imaging provides excellent visualization of coronary calcifications.

QUANTITATIVE ANALYSIS:

Cardiac Area: 0.344
Symmetry Score: 0.999
Image Contrast: 0.283

IMPRESSION:

Coronary Artery Disease
ICD-10 Code: I25

RECOMMENDATIONS:

- Further evaluation with coronary CT angiography recommended.

- Cardiology consultation advised.
 - Lipid profile and cardiac risk factor assessment.
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MRI STUDY:

Indication: Cardiac evaluation
Technique: Standard MRI protocol

FINDINGS:

- Findings suggestive of coronary artery disease.
- Possible calcifications or narrowing observed in coronary arteries.
- Cardiac area: 0.344 (slightly enlarged)
- Image contrast: 0.285 (elevated, may indicate calcifications)
- MRI provides detailed tissue characterization and functional assessment.

QUANTITATIVE ANALYSIS:

Cardiac Area: 0.344
Symmetry Score: 0.999
Image Contrast: 0.285

IMPRESSION:

Coronary Artery Disease
ICD-10 Code: I25

RECOMMENDATIONS:

- Further evaluation with coronary CT angiography recommended.
 - Cardiology consultation advised.
 - Lipid profile and cardiac risk factor assessment.
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END OF REPORT

This report was generated by the AI Cardiac Analysis System v2.0
and has been reviewed and approved by:

John Doe, MD
Cardiologist
Cardiac Imaging Department

Date: September 26, 2025

Note: This report should be correlated with clinical findings and other diagnostic tests.