**CT Scan Results: Heart Disease Investigation**

**Patient Information:**

* **Patient Name**: John Muia
* **Patient ID**: MR5623
* **Age**: 57
* **Gender**: Male
* **Referral Doctor**: Dr. Ndanu

**Scan Details:**

* **CT Scan Type**: Cardiac CT Angiography
* **Scan Date**: 07/04/2025
* **Scan Time**: 9:30PM

**Findings:**

* **Coronary Arteries**: Moderate narrowing of the left anterior descending artery (50% stenosis).
* **Aortic Valve**: No signs of stenosis or regurgitation.
* **Heart Chambers**: Normal size and wall motion, no evidence of structural abnormalities.
* **Left Ventricular Function**: Ejection fraction within normal limits (55%).
* **Plaque Formation**: Mild atherosclerotic plaque noted in the coronary arteries.
* **Other Findings**: No pericardial effusion or significant calcifications.

**Conclusion**:

* There is evidence of moderate coronary artery disease. Further management, including medical therapy or possible intervention, may be required based on clinical symptoms and risk factors.
* Follow-up with a cardiologist is recommended for further evaluation and management.

**Recommendations**:

* Immediate follow-up with a cardiologist.
* Lifestyle modifications including dietary changes and exercise.
* Possible prescription of statins and other medications based on clinical consultation.

**Report Generated By**: Dr. Liam (Cardiologist)

**Report Sent To**: Dr. Ndanu (Referring Physician)