

VOLUME 40, NUMBER 4

April 2023

ISSN 0189 - 160X

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# WAJMJ

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**WEST AFRICAN JOURNAL OF MEDICINE**

ORIGINALITY AND EXCELLENCE IN MEDICINE AND SURGERY



**OFFICIAL PUBLICATION OF**  
THE WEST AFRICAN COLLEGE OF PHYSICIANS *AND*  
WEST AFRICAN COLLEGE OF SURGEONS

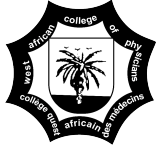


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## CASE REPORT

### Premature Atherosclerotic Cardiovascular Disease: A Case of Myocardial Infarction Seven Years after Bentall Procedure in a Nigerian Man

*Maladie Cardiovasculaire Athéroscléreuse Prématuurée ; Un Cas d'Infarctus du Myocarde Sept ans Après la Procédure de Bentall chez un Homme Nigérian*

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#### ABSTRACT

Surgical procedures often carry varying risk of post-procedural complications. The Bentall procedure for managing aortic root diseases has known complications including graft infection, pseudoaneurysm of the aorta or coronary arteries, embolisation and coronary insufficiency. The last three complications can cause myocardial infarction, are evaluated with coronary angiography and have been well described in the literature. Surprisingly, none of these possible complications was found in our patient. This case report describes a young Nigerian man with atherosclerotic coronary artery disease seven years after Bentall procedure. **WAJM 2023; 40(4): 452–455.**

**Keywords:** Bentall procedure, Coronary Artery Disease, Ischaemic Heart Disease, Myocardial Infarction, Nigeria.

#### RÉSUMÉ

Les interventions chirurgicales comportent souvent un risque variable de complications postopératoires. L'intervention de Bentall pour traiter les maladies de la racine aortique présente des complications connues, notamment l'infection du greffon, le pseudo-anévrisme de l'aorte ou des artères coronaires, l'embolisation et l'insuffisance coronarienne. Les trois dernières complications peuvent provoquer un infarctus du myocarde, sont évaluées par coronarographie et ont été bien décrites dans la littérature. Il est surprenant de constater qu'aucune de ces complications possibles n'a été constatée chez notre patient. Ce rapport de cas décrit un jeune homme nigérian avec une maladie coronarienne athérosclérotique sept ans après la procédure de Bentall. **WAJM 2023; 40(4): 452–455.**

**Mots-clés:** Procédure de Bentall, Coronaropathie, Cardiopathie ischémique, Infarctus du myocarde, Nigeria.

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