

Short Communication

A rare cause of Transient ischemic attack in a young patient: left ventricular non-compaction with a voluminous thrombus

H Foudad^{1,*}; I Bouaguel¹; A Trichine¹

¹Military hospital of Constantine (Algeria) Department of cardiology.

A 25-year-old man was admitted in our department for management of a transient ischemic attack. It's a patient without prior medical history.

He underwent echocardiography, which demonstrating in parasternal long axis view an important dilatation of left ventricle with reduced ejection fraction and severe hypokinesis (**Figure A**). 2-dimensional parasternal short axis show multiple prominent ventricular trabeculation with deep intertrabecular recesses particularly in the anterior lateral wall (**Figure B and C**) associated with a voluminous thrombus of 21x11mm (**Figure D and E**).

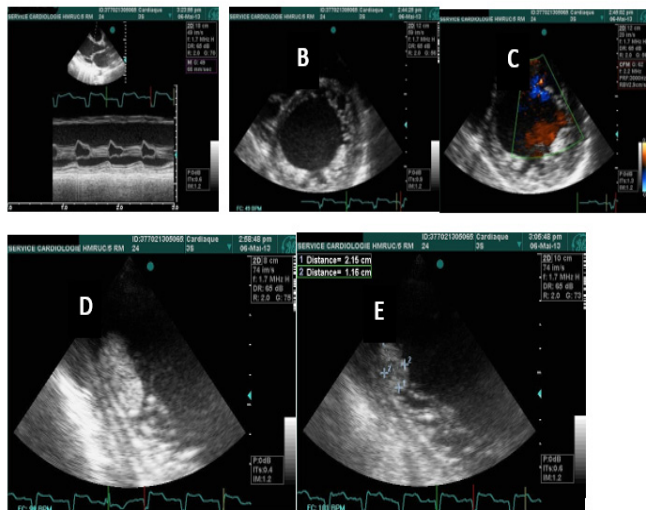
The patient also underwent cardiac magnetic resonance imaging (MRI).

The final diagnosis was left ventricular non-compaction with a voluminous thrombus complicated with a transient ischemic attack. The patient is put under classic treatment of heart failure associated with an anticoagulant treatment.

Disclosures: None.

References

1. Klenda J, Boppana LKT, Vindhya MR. Heart Failure Secondary to Left Ventricular Non-compaction Cardiomyopathy in a 26-Year-Old Male. *Cureus*. 2018 Jul 20;10(7):e3011.
2. Parekh JD, Iguidbashian J, Kukrety S, Guerins K, Millner PG, Andukuri V. A Rare Case of Isolated Left Ventricular Non-compaction in an Elderly Patient. *Cureus*. 2018 Jun 26;10(6):e2886.



*Corresponding Author: H Foudad, Military hospital of Constantine (Algeria), Department of cardiology.

Email address: hfoudad@yahoo.com

Received: Nov 23, 2021 Accepted: Dec 20, 2021 Published: Dec 27, 2021

Citation: H Foudad. A rare cause of Transient ischemic attack in a young patient: left ventricular non-compaction with a voluminous thrombus. *IJ Clin Img and med Rew*. 2021; 1(1): 1009.

