LETTER TO THE EDITOR

Treatment approach to coronary aneurysms: percutaneous or surgical?

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Abstract

We have recently read with great interest the article by Teng P et al. entitled "Giant right coronary artery aneurysm mimicking a right intra-ventricular mass: a case report". We appreciate the authors for their reports describing the treatment of a giant right coronary aneurysm mimicking a right intra-ventricular mass. On the other hand, we believe that there are some major drawbacks that need to be addressed.

Keywords: Giant, Coronary arteries, Aneursym

Main text

To the Editor,

that need to be addressed.

First, giant coronary artery aneurysms are rare clinical entities that may have catastrophic consequences such as myocardial infarction [2]. Angiographic incidence of giant coronary artery aneurysms has been reported to be 0.02-0.2% and it is more common in men and mostly seen in right coronary artery. The common causes of an aneurysm in adults are atherosclerosis, vasculitis (such as Takayasu and Behçet) whereas in children is associated with Kawasaki's disease [3]. In this case report, the authors stated that the patient did not have kawasaki disease, but was the patient evaluated for connective tissue disease, vasculitis and especially for Behçet? We know that the coexistence of vasculitis and giant coronary aneurysms is not as rare as it seems [4].

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Second, in the last 10 years, case reports on percutan-

eous treatment of giant coronary aneurysms have been re-

ported in the literature [5, 6]. It should be considered

especially if the proximal and distal edge of the aneurysm

is suitable for percutaneous stent implantation. In this

case report, was the patient evaluated for percutaneous

treatment before surgery? We know that the aneurysm

can be treated successfully if the aneurysmal formation

with good distal vascular bed is suitable for stent implant-

ation of the distal and proximal vascular bed.

Availability of data and materials

Ethics approval and consent to participate Not applicable.

Consent for publication Not applicable

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Authors' contributions

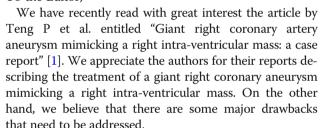
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Competing interests

The authors declare that they have no competing interests.

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