Reviewer's report

Title: A rare case of Crossed Pulmonary Arteries in an infant- case report

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Reviewer: Vera D Aiello

Reviewer's report:

The authors describe a case of crossed pulmonary arteries associated with other congenital cardiovascular defects: atrial septal defect, patent arterial duct and pulmonary vein stenosis.

The report is concise, the figures show good quality and are representative of the described findings.

The discussion needs some improvement in order to make the report an educational case.

It is important to acknowledge that malposition of the pulmonary arteries may also present as a “lesser form” as described by Becker et al in 1970. A good review of both forms of malposition can be found in “Cuturilo G et al, Cardiology in the Young (2013), 23, 181–188”.

Although the authors state that the thoracic aorta compressed the main left bronchus, this feature deserves further explanation about the mechanism of compression and aortic position, with the inclusion of at least one relevant reference.

It would also be interesting to emphasize that these pulmonary branch anomalies usually do not require surgical correction unless they are associated with stenosis or other lesions.

The surgical approach of the additional defects in the reported case should also be described.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Declaration of competing interests:

I do not have any conflicts of interest to declare.