Reviewer’s report

Title: Single Ventricle with Persistent Truncus Arteriosus: A Case Report of Two Rare Entities in an Adult Patient

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Reviewer: Solly Levin

Comments to authors:

The authors - Ina Porter & James Vacek report an adult patient with 2 rare entities viz. Single Ventricle with Persistent Truncus Arteriosus, who survived to the age of 45 years. This is certainly rare and unusual and warrants publication. However in their discussion they do not emphasise that hypoplasia of the pulmonary arteries is unusual in truncus type 1. In the post-mortem report there is a comment that RPA was hypoplastic, but no measurements of RPA or LPA are stated. Furthermore, was any histology carried out on both lungs to look for pulmonary vascular disease? Was the morphology of the Single Ventricle indeterminate in type? And a comment on whether the aortic portion of the truncus arched to the left or right would be helpful. There is a right aortic arch in 30% of cases with truncus arteriosus. Finally were any chromosome studies done on this patient? The authors should address themselves to these queries in their discussion.