Reviewer's report

Title: Diagnosis and surgical repair of congenital double aortic arch in infants

Version: 0 Date: 15 Jul 2019

Reviewer: Charles Shepard

Reviewer's report:

This is an excellent single institution collection of patients with double aortic arch. It would be helpful to know how many of the patients had testing for 22q11 deletions and those results. The authors suggest frequent CTA testing but do not describe their methods of acquisition. These studies can now be done over time (dynamic acquisition) which allows for airway evaluation over the entire respiratory cycle. This allows for confidence in statements such as those in this article of resolution of the airway narrowing, as collapse may happen transiently during the respiratory cycle. With differences in technique, radiation doses from CTA vary dramatically, and increased lifetime accumulative dose is felt to increase risks of certain types of cancer. The example given in this article is concerning for over-use of this technology and a statement as to why the authors felt it was helpful/necessary may help other practitioners to create their own protocols for post-operative monitoring.

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An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited
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