Reviewer’s report

Title: Spontaneous closure of patent ductus arteriosus after an episode of Kawasaki disease: a case report

Version: 2 Date: 23 November 2011

Reviewer: Shigeaki Aoyagi

Which of the following following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

General comments

1) Authors, Lin M-C, et al., have reported a very rare case of spontaneous closure of PDA developed in a patient who had an acute episode of Kawasaki disease.

2) This is an interesting paper because closure of PDA, which was related to an acute inflammation caused by Kawasaki disease, has not been previously reported, to my knowledge.

Minor comments
1) Discussion, 2nd paragraph:
Spontaneous closure of PDA might caused by ---> might be caused by --
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Is there any missing information that you think must be added before publication?
-Yes

In this paper, the diagnosis of PDA was made by echocardiography, particularly only by Doppler echocardiography showing a very small mosaic flow in the PA (Fig 1-A). However, no direct image of PDA such as angiograms or 2-D echocardiograms was present in this paper. Although the small mosaic flow in the PA is one of signs which show a left-to-right shunt through the PDA, it would be even better if extra images demonstrating PDA were added. In addition, authors also should add that whether administration of indomethacin was performed or not, in this patient.

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

Declaration of competing interests:
'I declare that I have no competing interests'