Reviewer's report

Title: Valve sparing surgery for aortic root dysplasia with multiple aneurysms in Blau Syndrome - a bridge too far

Version: 1 Date: 2 January 2010

Reviewer: Magdy Mostafa

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Major Compulsory Revisions:

1. Title of the case report presentation should be changed to (Composite aortic root replacement for aortic root dysplasia with multiple aneurysms in Blau Syndrome..etc.) instead of (Valve- Sparing Surgery for aortic root dysplasia with...etc.) because surgery done to this patient was modified Bentall's technique that include excision of the sinuses and leaflets, replacing them with a composite mechanical prosthesis and not a valve - sparing Tirone David reimplantation technique that preserve the leaflets.

Minor Essential Revisions:

1. Spelling mistakes and wrong terms should be corrected to:
   a. De Quervain's Thyroiditis instead of De Querivan's Thyroiditis
   B. Camptodactyly instead of Campanodactyly
   C. The transoesophageal echo showed the presence of an aneurysm of the right and non coronary sinuses of Valsalva instead of The transoesophageal echo showed the presence of an aneurysm of the right non coronary sinus of Valsalva
   D. The non- coronary Sinus extend into the right atrium instead of the non-coronary cusp extend into the right atrium
   E. Plication instead of Placation
   F. Myxomatous degeneration instead of Myxoid degeneration
   G. Histopathological instead of Histological

2. Chest X-Ray for Fig.1 is missing

3. Labels for all figures are missed

4. A mark for Fig.2 should be inserted after first paragraph in surgery

Discretionary Revisions:

1. Clarification of the effect of cold agglutinin discovered in the patient's blood on the surgical plan to avoid hemolysis while on hypothermic cardio-pulmonary bypass
2. A statement might be inserted in the discussion that direct cause - effect relationship between Blau's Syndrome and aneurysms of the sinuses of Valsalva is not clear as the histopathological study showed Myxomatous degeneration instead of the non-caseating granulomatous changes that associate Blau's Syndrome.

**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 declare that I have no competing interests'