Reviewer's report

Title: Surgical Management of A Giant Sternal Chondromyxoid Fibroma: A Case Report

Version: 2 Date: 8 August 2015

Reviewer: Abdel Mohsen Hamad

Reviewer's report:

The authors presented their experience with sternal resection and chest wall reconstruction using costume made stainless still plate. I think this new experience should be presented to the thoracic surgery community whether the results are good or unsatisfactory.

Major Compulsory Revisions:
1. The authors should concentrate on the first operation (repair with the metal plate) as the use of the mesh is not something new. Some points to be considered in this regard:
   A- the body belt of the patient, the occupation and if she used to practice any sports.
   B- any special points during fashioning the plate.
   C- the technique of fixation of the plate with the ribs and the clavicle.
2. I think that the design of the plate transform the whole stress forces to the plate clavicular junction, and this the cause of the fracture. Did you discuss with your medical engineer any modification of the plate instead of saying it is not suitable for repair.
3. I have a concern about the feasibility of subsequent median sternotomy, this issue should be addressed.
4. The authors used the term (manubriectomy) actually subtotal sternectomy was done. Also they used (sternoclavicular joint) I think the joint is no longer present and it is better to use plate clavicular junction.
5. They mentioned in the discussion part (Hamad etal........, reference No. 18). This is not the work of Hamad.

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' below.