Reviewer's report

Title: Amiodarone-induced reversible and irreversible hepatotoxicity: a case report

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Reviewer: Hussam Ali

Reviewer's report:

In this paper, Authors reported the clinical, imaging, and histological features of 2 contrasting cases of reversible and irreversible Amiodarone-induced hepatotoxicity.

In general, the paper is interesting and well-written. However, there are a few points that may need further clarifying or revision:

- In the 1st patient:

  there was concomitant use of corticosteroid since years. Please specify its type, corticosteroids might also cause liver injury or accelerate an underlying liver disease. Please add to discussion.

  *This patient started chronic amiodarone therapy at a young age (49 years) for VT in cardiac sarcoidosis, based on clinical decision likely made 13 years ago without any re-analyzing through the following years. Nowadays, TV catheter ablation and ICD implantation are, even being invasive, but still viable alternative in young patients rather than the potentially harmful chronic amiodarone therapy, particularly when the latter' side effects occur. Please add to discussion.

- In the 2nd patient: *specify please the type of ventricular arrhythmia (sustained VT?), and if there was an underlying structural heart disease.

  was liver biopsy repeated to confirm the regression of liver injury after amiodarone suspension?

- In both patients specify more the AST, ALT levels and the normal ranges (did they reach 2, 3 times of the upper normal limit or more?). This point is important clinically to know when to stop amiodarone therapy, since many patients may show minimal transaminase alterations on amiodarone.

- Both patients have comorbidities, please mention the other drugs used since many might also participate to liver injury.
- Is CT imaging showing liver hyper-density specific for hepatotoxicity, or it is related to chronic amiodarone use/metabolism.

- Few typos:

Conclusions: an importance>>> importance

page 6 - line 114: leads >>> lead

page 6 line 120: fetal hepatic failure >>> fatal hepatic failure

on the other hands >>> on the other hand

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Acceptable

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