Author's response to reviews

Title: Delayed-onset heparin-induced thrombocytopenia presenting with multiple arteriovenous thrombosis: Case report

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Dear Editor in chief
The journal of medical case report

I would like to thank you for reviewing my article and for your helpful comments. All of the changes have been made as your suggestion and are listed below. Also the changes are found in my revised manuscript as red font. I did all my best to discuses the details in discussion part. I would like to ask you if it is not enough, please notify me to correct it again.

1- In the case presentation section we explain that the unfractionated heparin (UFH) was used for the patient and also we did not use any glycoprotein IIb-IIIa receptor antagonist during operation.
2-Regarding to echocardiography images, we added 2 images with clots and 2 images with disappeared clots after treatment.
3- Typing errors have corrected as your suggestion and also article typing was revised again.
4- Some part of discussion, corrected as follow:
When HITT develops postoperatively, heparin must be discontinued and alternative anticoagulant agents given. Alternative anti coagulant agents are intravenous hirudin, argatroban, danaproid or lepirudin [5, 6, 7]. Warfarin can be started at the same time as hirudin but not prior to it due to association with limb gangrene and although it is recommended to start simultaneously with hirudin or other alternative anticoagulants (except heparin) but it is not contraindicated in treatment of HITT [7, 8]. In our case, the unavailability of alternate anticoagulants like hirudin obliged us to start only oral warfarin and conservative management without platelet transfusion, to which our patient responded very well. Diagnosis of HITT is clinical although it must be confirmed by serological tests. In our case despite of unavailability of confirmatory tests such as heparin-platelet factor (PF4) antibodies, typical manifestation of multiorgan involvement leads us to make diagnosis of HITT.

With the best regards
A.SalehiOmran