Reviewer's report

Title: Inferior Thyroid Artery Pseudoaneurysm Associated with Internal Jugular Vein Puncture: A Case Report

Version: 4 Date: 25 January 2015

Reviewer: Daniele G Biasucci

Reviewer's report:

Thanks a lot to authors for their revision of the manuscript. However, there are still few issues that need to be addressed to make this very interesting paper more effective.

Major Compulsory Revisions

- Please, specify that on the basis of literature, international guidelines, position papers and consensus conference recommends the use of ultrasound guided venipuncture to avoid mechanical complications. Real time ultrasound guided venipuncture performed following the needle tip during its course from the skin to the vein lumen allows to avoid this kind of complications. This case teaches us that ultrasound guided venipuncture MUST be used routinely.

- Page 4, line 7: please correct “hemotoma” with “hematoma”

- Page 5 line 20-21: “operator experience and training” should be preferred to “trainee training”; please, delete “using manometry”

- Page 5 line 23: write “blind technique” instead of “Seldinger approach”. In fact, Seldinger technique relies on catheter placement after puncture. Venipuncture must be performed using ultrasound but for several years it has been performed using superficial landmarks.

- Page 6, line 4 to 5: please delete “... ultrasound has limitations on some unusual punctured site...” This is not true! Using ultrasound you can see all veins you may puncture: internal jugular vein, innominate vein, subclavian vein, axillary vein. It is not cleared why the authors want to visualize internal mammary artery or innominate artery as they have explained in their response to the reviewers. Moreover, innominate artery can be easily visualized using ultrasound in order to rule out accidental puncture of this vessel.

Very interesting paper of great importance in the field of vascular access.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

I declare that I have no competing interests