Reviewer’s report

Title: Multiple Intraneural Glomus Tumors In Different Digital Nerve Fascicles

Version: 0 Date: 13 Jun 2019

Reviewer: Olga Gutkowska

Reviewer's report:

The Abstract:

Please, give the extract location of the tumors: "Surgical incision revealed the presence of two glomus tumors within different fascicles" of the ulnar digital nerve of the middle finger.

Background:

"Glomus tumors originating from digital nerves are extremely rare". In my opinion, it is not justified to say that glomus tumors "originate from" the nerve as they do not derive from nervous tissue. Please, change to "originate within" or "arise in".

"Previous studies have reported four cases of solitary intraneural glomus tumors [1-6]" - Were there four cases or six cases, as the literature reference indicates? Please, correct.

"This study describes two intraneural glomus tumors within one finger". Were both tumors located in different fascicles of the same digital nerve? This should be stated clearly, rather than referring to "one finger".

Case presentation:

"Results of the cold sensitivity test were negative, demonstrating an increase in localized pain on exposure of the affected finger to cold water, based mainly on the patient's medical history" - This sentence provides conflicting information. You state that the results were negative and describe a positive result. Please, correct.

"Contrast enhancement" should be written instead of "enhancement" throughout the manuscript.

Please, give all tumor dimensions in mm, rather than using either mm or cm.

"It was diagnosed as middle finger ulnar abnormal signal, neurogenic tumor? Hemangioma to be discharged." The meaning of this part of the test is unclear. Please, rewrite.
"(…)while the other tumor was removed leaving the radial nerve fascicle intact." This description is confusing, because you wrote previously that both tumors were located on the ulnar side of the finger. Please, rewrite to avoid ambiguity.

"A tumor (0.4 cm × 0.25 cm in size) was observed in the area of the fiber." The description of the location of both lesions is unclear. Please, correct and provide adequate description.

Discussion

In my opinion, some general information about glomus tumor should be added at the beginning of "Discussion": what type of cells it is built from, where it is usually found and how it is diagnosed.

Figure legends:

Figure 3: A - intraoperative image of the two lesions; B - image after complete resection of the lesions

Figure 4: Please, give information about the type of staining and magnification for each of the pictures in Figure 4

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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