

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 5081-DiagnosisAdvances.doc).

ESPS Manuscript No: 5081 (Revised submission)

Title: Magnetic resonance imaging of soft-tissue tumors of the extremities: A practical approach

Author: Wing P. Chan, MD

Response to reviewer's comments (Reviewed by 00289529)

(Changes have been highlighted in **blue** on the text)

The author had a good idea and presented it instructively. However the list of the presented tumors, I'm afraid is not complete and may leave the reader with a false impression about those tumors. The present reviewer suggests the following tumors (or at least most of them) to be added to the paper Fibroma Fibrosarcoma Leiomyomas Leiomyosarcoma (LMS) Angiosarcoma (Hemangiosarcoma) Rhabdomyoma Rhabdomyosarcomas (Embryonal/Alveolar/Pleomorphic) Schwannoma (Neurilemmoma) Granular Cell Tumor, Neuroectodermal Type Malignant Schwannoma (Malignant Peripheral Nerve Sheath Tumor) Osteoma Osteosarcoma Chondroma Chondrosarcoma Synovial sarcoma Synovioma Lymphangiosarcoma; malignant hemangio-pericytoma Ewing's sarcoma; alveolar soft parts sarcoma; epithelioid sarcoma Angiosarcoma Another important issue: Diagnosis in a suspicious for malignancy tumor should never be left to imaging. All suspicious tumors should be biopsied. Please amend the wording properly.

RESP. Thank you. The aim of this illustrative report is to provide a diagnostic guide for soft-tissue tumors of the extremities based on tissue signal and morphological characteristics on MR images. It is important for clinicians to be familiar with the imaging characteristics of common *determinate* lesions. To avoid readers get confused, only examples of determinate lesions are shown. In the meant time, the author thanks for reviewer's comment. Following the valuable suggestions, a paragraph of common sarcoma and indeterminate lesions was added in page 3 (blue). To

clarify the study aim and conclusion, few words and sentences were added in pages 4 and 5 (blue), and page 10 (blue). Once again, thank you so much for your valuable comments.

ESPS Manuscript No: 5081 (Revised submission)

Title: Magnetic resonance imaging of soft-tissue tumors of the extremities: A practical approach

Author: Wing P. Chan, MD

Response to reviewer's comments (Reviewed by 00227565)

(Changes have been highlighted in **brown** on the text)

I congratulate you for selecting of the topic. However, I am wondering is this manuscript is the start for a series addressing MR imaging of soft-tissues tumors imaging approach or just a single article reviewing some of its determinant lesions.

Whatever to which type it belongs, I think the aim of the work has to be shown up earlier so the reader understands where he/she is going to read.

RESP. Thank you. The aim of this illustrative report is to provide a diagnostic approach for soft-tissue tumors of the extremities based on tissue signal and morphological characteristics on MR images, and particularly addressing MRI determinant lesions.

I think following a systematic approach addressing the different entities used to narrow the differential diagnosis when approaching a soft-tissue mass he/she is facing will be more interesting for the reader. So, I think using subtitles to emphasis on the point being discussed will be clearer. For example: comment on the margins of the lesion, type of signal intensity,...etc. this will be coinciding with the given title...: practical approach!!! I advise you to refer to the nice article by Wu JS and Hochman MG published in radiology journal 2009.

Wu JS, Hochman MG. Soft-tissue tumors and tumorlike lesions: a systematic imaging approach. Radiology. 2009;253(2):297-316.

RESP. Thank you. Subtitles have been added accordingly. And the Wu JS's article was included in original version (reference #1).

On page 4; the sentence describing use of dynamic contrast gadolinium studies need to be rephrased to be clearer. Also, I referee you to the recent meta-analysis by Laviani to update the reference list:

<http://www.dovepress.com/use-of-dynamic-contrast-enhanced-time-intensity-curve-shape-analysis-i-peer-reviewed-article-RMI>.

RESP. Thank you. One sentence has been added in page 4 (brown) and the update reference #5 also has been added accordingly.

The case series figures presented are excellent examples. However, case-5 figure doesn't make sense from two points: (a) the title and running titles are addressing: Magnetic resonance imaging of soft-tissue tumors of the extremities: A practical Approach. However; this isn't the case. (b) The low attenuation value doesn't confidently translate into a simple fluid alone without a complementary US or MRI examinations in this case. I recommend adding its MR images to it to make sense.

RESP. Thank you. The original Case 5 has been changed to another case of Baker cyst with MRI images. Accordingly, the original Case 13 also is a case with CT images, and therefore, the case has been changed to a case with MR images (early subacute hematoma).

Again, my warm applause is paid to you. The selection of the manuscript topic is very good. My comments has to be taken in a friendly manner that aim to improve the manuscript, credit the author and improve the impact factor of the article and journal.

RESP. Thank you so much for your valuable comments. I appreciate it.

Thank you again for publishing our manuscript in the *World Journal of Radiology*.

Sincerely yours,

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