

## Peer Review File

Article information: <https://dx.doi.org/10.21037/abs-22-40>

### Review Comments

Comment 1: In this paper the authors provide an overview of the potential of US in the assessment and management of upper extremity lymphedema. The authors detail different use cases and provide some example images. There are minor spelling/grammar errors, please check manuscript. For example, line 285 "intraopertaive" should be "intraoperative", line 310: "waist" should be "waste", and the very last sentence (lines 332-334) is incomplete and not grammatically correct. The review is comprehensive and touches on key advantages of ultrasound over other imaging modalities, mainly lymphoscintigraphy and ICG. The figures are nice but might be useful to label what is vein and what is a lymphatic channel. it may be obvious to those who use US but will not be for those who are not.

Reply 1: We thank the Reviewer for their comments. The paper has since been cleaned of spelling/grammatical errors and additional stylistic adjustments were made. Of note, we did not include figures in our original submission.

Comment 2: Generally, references are lacking throughout the manuscript. The material then appears to be the authors opinions.

Reply 2: We thank the Reviewer for their comments. Upon further review of the submission, this article is based on a combination of expert opinion of the senior author and a narrative review of the literature. As such, additional commentary will not be added to the manuscript.

### ABS Editorial Office Comments

#### Comment 1: Narrative Review Checklist

Please follow the Narrative Review guideline and provide the Narrative Review Checklist (<https://cdn.amegroups.cn/static/public/18-narrative-review-Checklist.pdf>) as an additional file.

In the checklist, please indicate the detailed Page Number, Line Number, Section and Paragraph. Do not leave any blanks; If "N/A" is filled, please explain the reasons for not applicable items.

It should be noted that once your paper is accepted, the checklist you provided will be published as additional information for readers. Therefore:

- please indicate at the end of the Introduction section of Main Text: "We present the following article in accordance with the Narrative Review checking checklist."
- please indicate the following information in the footnote: "Reporting Checklist: The authors have completed the Narrative Review reporting checklist."

Submissions received without these elements will be returned to the authors as incomplete. The checklist will not be used as a tool for judging the suitability of manuscripts for publication, but it is intended as an aid to authors to entirely and transparently let reviewers and readers know what authors did and found.

Reply 1: The Narrative Review checklist has since been completed, and the introduction and footnotes have been updated.

Comment 2: Structure

Enclosed is a structure template for your reference. Please revise the structure as our journals' policy.

Reply 2: The article has been updated to the provided structure.

Comment 3: COI FORM

Starting from March 17th, 2020, we require every author to submit a Conflict of Interest Form before the formal publication of the manuscript, which is suggested by the International Committee of Medical Journal Editors (ICMJE), <http://www.icmje.org/conflicts-of-interest/>).

Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information.

Please follow the below guidelines to complete and submit your Conflict of Interest Form.

- 1) Download the form (as attached) to your computer. Fill it out and then save it to your computer.
- 2) Collect all forms from each author.
- 3) Summarize disclosure statements from all forms (in word format) and submit it to the editorial office, along with all forms. That is to say, two materials should be submitted: a summary & forms from all authors.

Reply 3: The above request has been completed and submitted.

Comment 4: Author Contributions

Please add the "author contribution" section according to the following formats for publication. (you need to add the author's name in No.1-No. 5)

The "Author Contributions" section should be completed as follow:

- (1) Conception and design: XXX
- (2) Administrative support: XXX
- (3) Provision of study materials or patients: XXX
- (4) Collection and assembly of data: XXX
- (5) Data analysis and interpretation: XXX
- (6) Manuscript writing: All authors.
- (7) Final approval of manuscript: All authors.

Reply 4: The article has been updated to include an author contribution section on the title page.

Comment 5: Reference

Please revise the reference style as our journal's policy. We suggest you use EndNote to manage the references (a commercial reference management software package produced by Clarivate Analytics, used to manage bibliographies and references when writing essays and articles), the reference style file for AME journals can be directly downloaded here: <https://cdn.amegroups.cn/static/public/reference-style.ens.>)

Sources should be referenced according to the Vancouver reference style. In text references should be identified using numbers in round brackets. Where more than one number is required, they should appear consecutively [e.g., "cancer-related mortality (19)"; "denocarcinoma (29,30)"]. References (including in the text, tables and figure legends) should be numbered consecutively and consistently according to the order in which they first appear in the text.

Reply 5: The references section has been updated per the above request.

Comment 6: Title

The current title is too broad and does not fit well with our journal. Please consider a more appropriate title.

Reply 6: The title has been changed, as noted on the title page.