

## **LETTER OF ANSWERING THE REVIEWERS**

**Name of Journal: World Journal of Orthopaedics**

**Manuscript NO: 65953**

**Manuscript Type: EDITORIAL**

**Three-Dimensional Printing in Paediatric Orthopaedic Surgery**

**Goetstouwers MJ et al. 3D printing in paediatric orthopaedic surgery**

**Josephus MJ Goetstouwers, Dagmar RJ Kempink, Bertram The, Denise Eygendaal, Bart AJA van Oirschot, Christiaan JA van Bergen**

Dear Sir/Madam,

Please find enclosed the revised manuscript in Word format (file name Editorial 65953).

First of all, we are pleased and excited the Editorial has been conditionally accepted for publication. In addition, we are thankful to the reviewer and science editor for the comments and requests they made on our manuscript. In our reviewed manuscript the reviewer and science director will find the reactions and changes on the comments per comment in the text.

Overall, we read the guidelines and comments and performed spelling corrections in the complete document. Language was changed for various words from U.S. English to U.K. English. For example, pediatric is changed to paediatric. Moreover, changes are made in the complete manuscript following the guidelines of abbreviations and references. Next, a running title is added and zip codes of the institutions are supplied in the authors section. Also, one of the authors has changed from institution and an audio core tip is added.

In the following part of this review letter you will find an overview of the comments and the reactions and answers we have made separated in a Reviewer #1 and Science editor #2 section. The comments are written in cursive and the answers in normal typescript.

## **Reviewer #1**

*This editorial discuss a relatively novel and interesting field. I appreciate the authors attempt to organize the up to date data in this field, and indeed believe it is worth publishing. As the authors honestly mention in several occasions, the current data is of low quality, thus major conclusions should be restricted.*

*-Specific comments: \* SCFE - It is said that this technique provide improved outcome. This is not supported by any data whatsoever. Please elaborate.*

We refer to Cherkasskiy et al, there is no further reference available. In our manuscript a case of our own is included. We have now added the outcomes of this case.

*-\* Conservative treatment using 3D printed "casts" - please elaborate. The text doesn't provide any justification for this high cost and relatively inapproachable treatment method. If better outcomes are reported - please bring the data upfront and discuss the possible reasons for this effect.*

Although the data are indeed scarce, better outcomes are reported in small studies, i.e. a higher patient satisfaction due to a reported lower weight of the 3D-printed device, and the fact that they are easier to remove makes them more patient friendly (e.g. taking a shower). We added this to the text.

*-\* Figures - Require better editing*

All figures have are edited and exported to Microsoft PowerPoint as requested in the guidelines.

*-\* Figures 2, 3 - The surgical result should be demonstrated - appropriate imaging and possible clinical imaging should be presented (as seen in figure 4).*

Postoperative images and outcomes are included in the manuscript. In the main text you will find a more detailed part of the outcomes and in the text box below the requested figures a summary of the outcomes are published.

*-\* Several spelling corrections should be made. More specific comments are specified in the attached file*

As mentioned before, the spelling corrections are made and the manuscript is polished by a native English speaking expert.

## **Science editor #2**

### *1 Scientific quality:*

*(1) Classification: Grade B;*

*(2) Summary of the Peer-Review Report: This editorial discusses a relatively novel and interesting field. The questions raised by the reviewers should be answered;*

*(3) Format: There are 4 figures;*

*(4) References: A total of 38 references are cited, including 21 references published in the last 3 years;*

*(5) Self-cited references: There is no self-cited reference; and*

*(6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to [editorialoffice@wjgnet.com](mailto:editorialoffice@wjgnet.com). The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately.*

### *2 Language evaluation:*

*Classification: Grade B.*

*3 Academic norms and rules: No academic misconduct was found in the Bing search.*

*4 Supplementary comments: This is an invited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJO.*

### *5 Issues raised:*

*(1) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; and*

*As mentioned before in this letter, the figures are exported to PowerPoint and all graphs or arrows or text portioned can be reprocessed by the editor.*

*(2) If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine*

*formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable.*

The authors of this editorial are not re-using a figure published elsewhere.

6 Re-Review: Not required.

7 Recommendation: Conditional acceptance.

(2) Company editor-in-chief:

*I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Orthopedics, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".*

Uniform presentation is used for figures showing the same or similar contents as required for publication.


*As there are many changes in the content of the manuscript during the revision process, there will be still some language problems in the revised manuscript, and it still requires further language polishing to fix grammatical and other errors to meet the publication requirement (Grade A). Now, the authors are requested to send the revised manuscript to a professional English language editing company or a native English speaking expert to polish the manuscript further. When the authors submit the polished manuscript to us, the authors must provide a new language certificate along with the manuscript. Once the authors finish this, the manuscript will be quickly accepted and published online. Please visit the following website for the professional English language editing companies we recommend*

A native English speaking expert polished the manuscript further. Enclosed is an approval signed by the speaking expert.

**Pediatric orthopedic surgery** oftentimes requires design of patient-specific techniques to treat deformities, coalitions, and other congenital anomalies. **3D printing** of these models has been shown for long bone deformities, tarsal coalitions, hip dysplasia, pelvic abnormalities, and congenital fusion and spinal abnormalities.

[Pediatric Orthopedic Surgery - an overview | ScienceDirect ...](#)

[www.sciencedirect.com/topics/medicine-and-dentistry/pediatric-orthopedic-surg...](https://www.sciencedirect.com/topics/medicine-and-dentistry/pediatric-orthopedic-surg...)

Was this helpful?  

#### PEOPLE ALSO ASK

How can 3D printing help with orthopedics? ▾

Does 3D printing add value in orthopedics? ▾

What is medical 3-D printing? ▾

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[PDF] [Review of the Utility of 3D Printing in Pediatric Orthopedics](#)

<https://crimsonpublishers.com/ooij/pdf/OOIJ.000539.pdf>

3DP in pediatric cases is especially effective for tactile guidance, reduction of surgery time, and improvement of diagnosis. With rapidly growing research involving 3DP, there is sure to be fast adoption of this technology by orthopedic surgeons. The purpose of this review article is to present a detailed synopsis of 3DP as well

[Paediatric Orthopaedic Surgery with 3D Printing ...](#)

<https://www.mdpi.com/2073-8994/11/10/1317/htm> ▾

For the survey, we used data from a pilot study, "3D-printing models in the pre-operative planning of the pediatric patient suffering from congenital malformations". 3D printing enables surgeons to understand the anatomical condition of the patient better.

Cited by: 4

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