Format for ANSWERING REVIEWERS

March 22nd, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 8488-review.doc).

Title: Current concept in dysplastic hip arthroplasty; techniques for acetabular and femoral reconstruction

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Name of Journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 8488

The manuscript has been updated and improved according to the **Revision policies**:

1. Title has been shortened to 12 words.
Previous title: Current concept in dysplastic hip arthroplasty; operative techniques for acetabular and femoral reconstruction
Current title: Current concept in dysplastic hip arthroplasty; techniques for acetabular and femoral reconstruction

2. Affiliations of authors were updated according to Editor's suggestion.

3. Abstract has been revised and updated according to revision policies of BPG for Topic Highlight.

4. Formatting of the keywords was performed according to the revision policies of BPG for Topic Highlight.

5. Table 1 was formatted as a three-line table according to Editor's suggestion.

The manuscript has been revised according to the **Reviewers comments**:

Reviewer 1 comments:
A well written and thorough article, more suitable as a book chapter on CDH. Little new information but an interesting read. A few minor typographical errors and illustrations that could be improved.

Response:
We agree with the reviewer, typographical errors in the first version of the manuscript were revised according to the suggestions.

Reviewer 2 comments:

I would suggest to provide a review article including a detailed method section, which describes your data analysis. Afterwards you should provide a comparison of the different treatments.

Response: Reviewers comments about methods section are not applicable to our review article.

Reviewer 3 comments:

Dear authors, according to my opinion, your manuscript is nice to read although it needs several minor revision to be published. Overall, the paper is well written but it needs an English language revision. Introduction is well written Anatomy and classification sections are well written and few remarks should be made: 1. I would add also some sentences about the acetabular retroversion (please refer to CORR 2003;416:245-253 and Clin Orthop Relat Res 2004, 418: 48-53 2. I would add the classification described by prof. Ganz about acetabular morphology in DDH. I would add a very short section to describe the surgical alternatives to THA in those patients such as periacetabular osteotomies (i.e. you may use Minerva Ortopedica e Traumatologica, vol. 64, p. 41-52, ISSN: 0394-3410 as a reference). In the acetabular reconstruction section you may add some sentences about the indications of trabecular metal in DDH describing pros and contras of this solution. Please avoid the word "new" in the sentence "new method named cotyloplasty", it has been described several years ago. Please try to be more fair in the description of cotyloplasty technique: risks and complications and not only the advantages should be described. The same should be done for the pre-operative skeletal traction. Please quote the rate of greater trochanter nonunion (you may find an average in the papers used ad references), I think the reader would be interested in that number.... A more balanced description of authors' technique for lateral approach should be done. Contras and not only pros of the procedure should be presented. Although I personally agree with your opinion, please add a reference or clearly state "according to our opinion" in the sentence "required complex and detailed preoperative planning that was sometimes hard to perform during surgery". Figures' legends should be shortened.

Response:

We agree with all the reviewers comments. Therefore, several changes were made in manuscript:

Incidence of acetabular retroversion in dysplastic hips together with suggested references are now included in revised version of the manuscript.

Surgical alternatives to THA in DDH patients were included in our manuscript and supported with suggested references.

In the acetabular reconstruction section we added some sentences about the advantages and disadvantages of trabecular metal in DDH.

In the term "New method named cotyloplasty", word "new" was deleted as requested.

Disadvantages of the cotyloplasty technique and pre-operative skeletal traction were included in revised version of the manuscript.

The rate of greater trochanter nonunion was stated in our manuscript.

Description of author's preferred technique - modified lateral approach has been changed and now it is more balanced, i.e. advantages and disadvantages are now included in the manuscript.

Statement "according to our opinion" was added in the sentence in which it is stated that femoral

shortening procedures often require detailed preoperative planning combined with experienced surgeon's skills.

While Reviewer tends to shorten Figure's legends, we would like to emphasize that the idea of this Topic highlight was to provide few Figures and Figure legends which would allow visualization of techniques "at a glance", together with short informative description. In this manner, we did not shorten Figure legend, and we hope that Reviewer will understand and accept our reason.

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

Sincerely yours,

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