

Format for ANSWERING REVIEWERS

April 22, 2015



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: "Current surgical strategies for total arthroplasty in valgus knee REVISED.doc").

Title: Current surgical strategies for total arthroplasty in valgus knee

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Name of Journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 17889

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

A. Table summarizing findings of most significant papers on this topic (top 10 papers)

When WJO Editor invited us for the writing of this article, it was mentioned no restrictions in words. So by searching in the PubMed the review articles on valgus knee, we observed that the high level with many citations papers, as that of Rossi (Ref 2), Favorito (Ref 4) and Murray (Ref 8), was extended publications on the subject with etiologic factors, preoperative planning, implant selection, approach selection and some results (most of the AAOS) and not in detail. Especially Rossi in 2014 has analyzed in detail all the subjects on valgus knee apart of the results that was presented in a Table. All the aforementioned four authors of this paper then decided (by the time that there were no word restrictions) to be differed in that area, which means analyze the results and especially the cons and pros of each surgeon. Please reconsider the subject of having the text at this form (extended and in detail) and accept the Table 1, so as to help the reader. If the result section is shrinked it will be very difficult for the reader to understand by a Table only, all these analyzed in the text and furthermore, the article will be much the same as Rossi (2014 - Ref 2).

B. Authors' Approach preferred option.

Our preferred option has been in detail analyzed in page 10 - paragraph 2 & 3. Dr Nikolopoulos D. and Dr Michos I. have been studied in detailed valgus knee >10 degrees arthroplasties and have published their experience in the "Knee Surg Sports Traumatol Arthrosc 2011; **19(11)**:1834-1842" and the "Orthop Traumatol Surg Res 2010; **96(7)**: 777-784"

(References No 3 & 4). Also our results are referred in the manuscript and also in Table 1. By that time, we believe that the authors' option has been presented and if a researcher needs any more information, can read papers Ref. 3 and 4.

C. **Figure 1** was changed to PPT archive according to the instructions.

D. **Figure 2 was changed to No 4.**

E. **Figure Treatment algorithm:** It was added as Figure 5

F. **Pre-operative images of different valgus knees:** It was added as Figure 2

G. **Images of SOO valgus knee classification:** It was added as Figure 3

H. **Figure 3 was changed to No 6.**

I. **Complications section: It was added more information.**

J. **Contradictions of treatment**

There are different preferences according to the orthopedic surgeons and not contradictions. To be more specific, me and Dr Michos prefer the lateral approach in valgus knee and with TTO in valgus deformity $>20^\circ$. In contrast Dr Safos G prefers medial approach in valgus knee $<20^\circ$ and lateral $>20^\circ$. All the surgeons want the axis alignment correction and soft tissue balance. How to succeed it has to do with surgeons preferences and experience. That's why we analyzed the different surgeons' preferences on the subject of approach selection, implant selection and soft tissue balancing tissues.

K. In the Pub-Med search engine was searched "Valgus knee and TKA". Based on the up-to-date resulted articles, it was accepted the review articles published after our first publication 2010 (Orthop Traumatol Surg Res 2010) and all the Level I and II publications having to do with results after TKA in valgus deformity. Any new technique proposed also was accepted and discussed. There are some published papers and researches extremely important in the history of valgus knee as Ranawat, Stern, Karachalios, Favorito, Murray, Keblish, Krachow, etc that has been used as references in our last publications, "Knee Surg Sports Traumatol Arthrosc 2011; **19(11)**:1834-1842" and "Orthop Traumatol Surg Res 2010; **96(7)**: 777-784" . All these important in their field published papers on Valgus knee and total replacement (with more than 10 citations) were referred to our manuscript.

3 References and typesetting were corrected

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

Sincerely yours,



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