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Title: High tibial osteotomy and umbilical-cord mesenchymal stem cells for knee cartilage regeneration

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Dear Editor.

I really appreciate your kind correction and comments.

I feel sorry but your editing was on my previous paper, not on my revised paper.

Therefore, I corrected your comments on my revised updated paper and the answer to your comments are following.

#1. What is the profile (FACS biomarkers, the capacity of differentiation, viability, the number of passage, etc.) of your quality of control of the hUCB-MSCs? How did you define the heterogeneity of the MSCs? How did they ensure that they had the same QC for all 134 patients?

→ As allogeneic human umbilical cord blood-derived mesenchymal stem cells (hUCB-MSCs) is commercially available in Korea as an off the shelf medicinal product, the product profile had been submitted to KFDA for approval of product by the manufacturing company. KFDA inspected the company and product in detail and they approved. We are just surgeon and do surgery for patient. Therefore we did not do quality control. Please understand this situation.

#2. A flow chart of selection criteria should be used. So as with the treatment flow chart.

→ Flow chart was added as Fig 1.

#3. Use a Table to table the numbers. E.g., demographic data.

→ Table 1(demographic data) was added according to one of the reviewer's

recommendation

#4, 5 Use arrowheads to locate the place you expected the reader to see. Scale bars should be used.

- ➔ As this figure is not microscopic finding. Arthroscopy do not use scale bar. These arthroscopic findings are just showing how to do surgery. Please understand this situation.
- ➔ Arrows were added in the interested area as your recommendation.