

May 3, 2021

Dear Editor,

Thank you for considering my manuscript entitled *Hip prosthetic loosening – a very personal review* (Manuscript ID: 62856) for publication in the *World Journal of Orthopedics*.

I have made several clarifications and improvements in all parts of the manuscript. Specifically, I have added four references, deleted two references, corrected the reference format, and all graphs/images have editable texts (labels, scale numbers, and legends of figures).

Regarding self-cited references: These references are carefully selected and each of them is essential for this very personal review, i.e. there are no improper self-citations. If I were to be forced to reduce the number of self-cited references, I would also have to delete the corresponding parts of this review.

Regarding copyright: Figures 2, 3, 4 and 6 have previously been published in Acta Orthopaedica (1930–2004 known as Acta Orthopaedica Scandinavica) and are distributed under the terms of the Creative Commons Attribution Noncommercial License, which permits any noncommercial use, distribution, and reproduction in any medium, provided the source is credited (<https://www.tandfonline.com/doi/full/10.1080/17453674.2017.1388081>). The reference sources for these figures are all cited in the references list.

My specific responses to the reviewers are attached in order after their review date.

I hope that these changes will be deemed satisfactory and that you will find the revised manuscript suitable for publication in the *World Journal of Orthopedics*.

Sincerely yours,

Bengt Mjöberg

To reviewer ID 03442364 (1 Mars):

Regarding the desire for language polishing, I have made several clarifications and improvements in all parts of the manuscript, which hopefully will be considered sufficient.

To reviewer ID 00724254 (14 April)

Regarding the range of migration thresholds, I have supplemented the text with another high migration threshold for cemented composite-beam femoral components and another low migration threshold for acetabular components. As far as I know, no threshold values have been published for either cemented tapered or uncemented femoral components. The cemented tapered femoral components is discussed separately under the subheading Cemented 'taper-slip' stems and uncemented femoral components are commented under the subheading Exciting new technique and research suggestions.

Regarding the 0.15 mm migration threshold, I have added information on the limit for significant RSA-migration (including two references) under the subheading Definition of loosening.

To reviewer ID 03067229 (20 April)

Regarding the autobiographical digressions under the subheading The Coolfix cement: Over the years, I have have often been asked: What happened to the Coolfix? This autobiographical explanation is an essential part of my very personal review.