

**Nonsensus in the Treatment of Proximal Humerus Fractures? An Uncontrolled, Blinded, Comparative Behavioural Analysis Between Homo Chirurgicus Accidentus and Macaca Sylvanus**

**Response to the editor and committee:**

Dear BMJ,

Firstly, we would like to thank you very much for considering once again our submission, and giving us the opportunity to improve. We have revised our manuscript and organized our responses in the table below for clarity. Furthermore, after a critical review of the manuscript, the following changes were made:

- stylistic and punctuation mistakes have been corrected (page 4, line 143)

In addition, we would like to provide an extra image (image no. 4), which could be used for instance as a visual hook for the issue or as an illustration for the text section about the two species: The image shows the two investigated species in an scientific discourse about the principles of proximal humerus fractures with the help of a proximal humerus saw bone model. If this image is not desired, it can be deleted.

All changes in the manuscript have been marked with a word processing program. A copy of the manuscript with changes highlighted has been uploaded as a supplemental file with file designation 'Revised Manuscript Marked copy'.

We sincerely hope that the reviewers and editor find our revisions satisfactory.

I confirm that the revised manuscript has been read and approved by all authors and confirm that the work has not been submitted or published elsewhere in whole or in part. Each author confirms that the manuscript represents honest work.

If you have any questions at all, please do not hesitate to contact me.

Sincerely,

Sam Razaean, M.D.

Corresponding author

Hannover Medical School

Trauma Department

Hannover, Germany

Editor and Committees` Remarks	Authors` Responses	Text Changes
<p><b>Committees` Remarks:</b></p> <p>1) Can you combine table s7 and 8? The totals on the Left and the breakdown on the right? Addition of imaging in supplement is useful.</p> <p>2) Please make sure to place the Public and patient involvement statement in the methods section of the paper. The dissemination plan should be more developed as well. Do you plan to share this on social media, present results at conferences, present locally?</p>	<p>First of all, we would like to thank you very much for considering again our submission and giving us once again the opportunity to improve.</p> <p>Ad 1) Thank you for this advice. We have combined both tables.</p> <p>Ad 2) Thank you for this hint. We have placed the Public and patient involvement statement in the methods section. Furthermore, we have provided a dissemination plan, which includes our plan to apply with this topic for the Science-Slam Event at the Annual German Congress of Orthopaedics and Trauma Surgery (DKOU) in October 2021 in order to disseminate the results to a scientific community.</p>	<p>Ad 1) See table 7</p> <p>Ad 2) Page 3, lines 96-104: In order to disseminate the results to a scientific community, it is planned to apply with this topic for the Science-Slam Event at the Annual German Congress of Orthopaedics and Trauma Surgery (DKOU) in October 2021. Furthermore, it is planned to provide a direct link to the study with a synopsis containing background information about the scientific key problem, and our motivation as study conductor on our institutional website (<a href="https://www.mhh-unfallchirurgie.de/">https://www.mhh-unfallchirurgie.de/</a>) as well as on the website of the involved enclosure</p>

<p>3) Line 317: Can you take a slightly less aggressive tone and instead of referring anesthetists as enemies, just mention that there is somewhat adversarial tension between the two species, or something like that.</p>	<p>Ad 3) We have recognized the potential problem in this sentence, toned it down and placed once again the famous study by Subramanian et al. as a reference in order to highlight a friendly humorous way than a hostile, divisive attitude for the reader.</p>	<p>(<a href="https://www.affenwald.info/">https://www.affenwald.info/</a>) in the case of a publication in order to disseminate the results and message in a transparent, and easily understandable way for patients as well as non-specialists.</p> <p>Ad 3) Page 10, lines 330-333: Sometimes there are adversarial tensions between this species and others as anesthetists, anesthesia nurses, anesthesia nurse assistants, and orthopedic trauma surgeons recommending non-operative treatments, but these territorial conflicts are usually solved without physical harm and instead on an intellectual level (18).</p>
<p>4) Text in the Section: Species Analyzed: [...] Seems to be directly quoted from the listed reference. Please make sure not to directly copy text even if you cite it. Direct text should be reworded and at the very least areas where re-wording isn't possible, quotations should be used.</p>	<p>Ad 4) Thank you very much for guiding our attention to this major issue. We have reworded the text section, and in addition, deepened our knowledge on Barbary macaques. Interestingly, in the process of research work we have found out, that it seems to be a rumour that Barbary macaques are matriarchal as we stated in</p>	<p>Ad 4) Page 10, lines 304-322: M. Sylvanus, also known as Barbary macaque or colloquially called magot, is the only native species of primate to live in Europe, and the only macaque species that can be found outside Asia (14). While it has the ability to live in a wide range of habitats, this species prefers high-altitude</p>

	<p>formerly line 318. We have learned: Barbary macaques are not matriarchal, but they live in matrilineal societies and females form matrilineal hierarchy. It is a tiny difference in wording, but big one in meaning, and unfortunately misquoted, requoted as well as mistranslated in several parts of literature, even in fact sheets of some zoo websites as this one (<a href="https://www.folly-farm.co.uk/zoo/meet-the-zoo-animals/barbary-macaque/">https://www.folly-farm.co.uk/zoo/meet-the-zoo-animals/barbary-macaque/</a>), which surprised us.</p> <p>We apologize for this mistake in our manuscript, and thank you for drawing our attention to it. We have revised this section, and provided three original references for each fact.</p> <p>In addition, we have edited the section about trauma surgeons in some points in order to preserve equal phrases and punchlines.</p>	<p>forests, and is also found in coastal scrub, and on rocky slopes. As their habitat is threatened by human activity, habitat availability and population of this species has decreased significantly in recent decades (14). As such, they are listed as endangered by the IUCN (International Union for Conservation of Nature) Red List of Threatened Species (14). The Barbary macaque is sociable, living in mixed-sex groups, which can vary in size from approximately 13 up to 80 individuals. Both sexes have their own hierarchies, while female Barbary macaques form strictly matrilineal hierarchies (15-17). Its diet consists mainly of plant food as leaves, fruits, and seeds, but insects, and mushrooms are also preferred (15,17).</p>
	<p><b>Authors' note</b></p>	<p><b>Text Changes</b></p>
	<p>In addition, we would like to provide an extra image, which could be used for instance as a visual hook for the issue or as an illustration for the text section about the two species: The</p>	<p>See extra image 4</p>

	<p>image shows the two investigated species in an scientific discourse about the principles of proximal humerus fractures with the help of a proximal humerus saw bone model. If this image is not desired, it can be deleted.</p>	
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