

Review of: "[Case Report] High Bifurcation and Anatomical Variation of the Brachial Artery"

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In this manuscript, or case report, the author, Million Loha, reported on an anatomical variation of the bifurcation of the brachial artery in the right arm of a preserved male cadaver. However, the manuscript is a confused jumble. First, in the aim, the authors claims to study the anatomical variations of the bifurcation of the brachial artery. This is not done. The expectation was created that the reader gets a review of all known anatomical variations of the bifurcation of the brachial artery, but only one variation is described. The results of the dissection, only described the bifurcation in the right arm and not in the left arm. So, the reader does not know if the anatomical variation is bilateral or unilateral. Furthermore, the described anatomical variation has been known and described in the literature for a long time. One may control if an anatomical variation is described in literature, online

(<https://www.anatomyatlases.org/AnatomicVariants/AnatomyHP.shtml>) or in the handbook ('Bergman's Comprehensive Encyclopedia of Human Anatomic Variation.', eds: S. Tubbs, M.M. Shoja, M. Loukas; 2016; WILEY Blackwell).

Furthermore, the embryonic information concerning the development of the brachial artery and its branches, is nice but little. And the final conclusion that a good anatomical knowledge of the brachial artery and its branches is necessary to conduct clinical procedures, is something each good surgeon already knows. Finally, figure 1 is not very clear.

For me, this manuscript contains nothing new concerning the anatomical variations of the bifurcation of the brachial artery. If the author wants to make a review (as written in the aim of the abstract), a lot of more data has to be collected, described and discussed. My final conclusion, this 'case report' is not suitable for publication.