Extracranial C1/2 origin posterior inferior cerebellar artery

Akira Uchino

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Dear Sir,

I read with great interest the article by Wakao et al. [1]. With this study, the authors confirm with 3D CTA the vertebral artery variations at the C1-C2 level that we described as diagnosed by MRA [2].

Nevertheless, we wish to draw the attention of your readers about a possible misinterpretation of the anatomy in figures 1C and 5. The authors state that in these figures, the posterior inferior cerebellar artery (PICA) arises from C1/2. However, my interpretation of the images of both figures is that the PICA does not arise from level C1/2 but is arising from the foramen magnum level, i.e., above C1. In true C1/2 origin of the PICA, the origin of this vessel has to be clearly under the level of C1 (Fig. 1) [2].

It might be that in the patients represented in figures 1C and 5, the origin of the PICA is at level C1/2 but this is not clear from the images shown. The authors might show in a reply to this letter a new figure with a true C1/2 origin of PICA.

Fig. 1 Schematic illustration of posterior inferior cerebellar artery (PICA) of C1/2 origin (left lateral projection). Arrows indicate anomalously originated left PICA from the C1/2 level (V3)

Conflict of interest I declare that I have no conflict of interest.

References

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A. Uchino (✉)
Department of Diagnostic Radiology, Saitama Medical University,
International Medical Center, 1397-1, Yamane, Hidaka,
Saitama 350-1298, Japan
e-mail: auchino@saitama-med.ac.jp