Comment on Shear-wave Elastography of Palatine Tonsils: A Normative Study in Children

Mahmood Dhahir Al-Mendalawi*

Department of Paediatrics, Al-Kindy College of Medicine, University of Baghdad, Baghdad, Iraq

Dear Editor,

In July-September 2023 issue of the distinguished Journal of Medical Ultrasound, Aydin et al.^[1] employed shear wave elastography (SWE) and generated the normal elasticity values of the palatine tonsils (PTs) for the Turkish pediatric population. Aydin et al.^[1] addressed a few study limitations. We present the following worthy limitation. Apart from age, elastography method, and body mass index, race needs to be taken into consideration when doing ultrasound elastography and setting normative values of a particular organ.^[2] Although Turkey is a notable country with racial disparity,^[3] Aydin et al.[1] did not consider the racial origins of the studied population in the study methodology. This limitation could additionally hinder the applicability of the constructed PT normative data in clinical practice and research. Despite the study limitations, the formulated PT reference values hasten the usefulness of SWE in assessing the health status of tonsils in children.^[4]

Received: 22-10-2023 Accepted: 26-12-2023 Available Online: 21-03-2024

Access this article online Quick Response Code:

Website: https://journals.lww.com/jmut DOI: 10.4103/jmu.jmu_133_23

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

REFERENCES

- 1. Aydin S, Senbil DC, Karavas E, Kadirhan O, Kantarci M. Shear-wave elastography of palatine tonsils: A normative study in children. J Med Ultrasound 2023;31:223-7.
- 2 Močnik M, Marčun Varda N. Ultrasound elastography in children. Children (Basel) 2023;10:1296.
- Available from: https://en.wikipedia.org/wiki/Demographics of 3. Turkey. [Last accessed on 2023 Oct 15].
- 4. Ece B, Aydin S. Can shear wave elastography help differentiate acute tonsillitis from normal tonsils in pediatric patients: A prospective preliminary study. Children (Basel) 2023;10:704.

Address for correspondence: Prof. Mahmood Dhahir Al-Mendalawi, P. O. Box 55302, Baghdad Post Office, Baghdad, Iraq. E-mail: mdalmendalawi@yahoo.com

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.

For reprints contact: WKHLRPMedknow_reprints@wolterskluwer.com

How to cite this article: Al-Mendalawi MD. Comment on shear-wave elastography of palatine tonsils: A normative study in children. J Med Ultrasound 2024;32:89.

89