

# Reply to Saleh, C. Comment on “Bažadona et al. The Interconnection between Carotid Intima-Media Thickness and Obesity: Anthropometric, Clinical and Biochemical Correlations. *Medicina* 2023, 59, 1512”

---

**Bažadona, Danira; Matovinović, Martina; Krbot Skorić, Magdalena; Grbavac, Hrvoje; Belančić, Andrej; Malojčić, Branko**

*Source / Izvornik:* **Medicina, 2024, 60**

**Journal article, Published version**

**Rad u časopisu, Objavljena verzija rada (izdavačev PDF)**

<https://doi.org/10.3390/medicina60071158>

*Permanent link / Trajna poveznica:* <https://urn.nsk.hr/urn:nbn:hr:184:678966>

*Rights / Prava:* [Attribution 4.0 International](#)/[Imenovanje 4.0 međunarodna](#)

*Download date / Datum preuzimanja:* **2025-03-04**



*Repository / Repozitorij:*

[Repository of the University of Rijeka, Faculty of Medicine - FMRI Repository](#)



Reply

# Reply to Saleh, C. Comment on “Bažadona et al. The Interconnection between Carotid Intima–Media Thickness and Obesity: Anthropometric, Clinical and Biochemical Correlations. *Medicina* 2023, 59, 1512”

Danira Bažadona <sup>1</sup>, Martina Matovinović <sup>2</sup> , Magdalena Krbot Skorić <sup>1</sup>, Hrvoje Grbavac <sup>3</sup>, Andrej Belančić <sup>4,5</sup>  and Branko Malojčić <sup>1,\*</sup> 

<sup>1</sup> Department of Neurology, University Hospital Centre Zagreb, 10000 Zagreb, Croatia

<sup>2</sup> Croatian Referral Center for Obesity Treatment, Department of Endocrinology, University Hospital Centre Zagreb, 10000 Zagreb, Croatia

<sup>3</sup> University Psychiatric Hospital Vrapce, 10090 Zagreb, Croatia

<sup>4</sup> Department of Clinical Pharmacology, Clinical Hospital Centre Rijeka, 51000 Rijeka, Croatia

<sup>5</sup> Department of Basic and Clinical Pharmacology with Toxicology, Faculty of Medicine, University of Rijeka, 51000 Rijeka, Croatia

\* Correspondence: bmalojcic@gmail.com

We would like to begin by expressing our gratitude for the interest shown in our research [1,2].

We agree that a composite carotid intima–media thickness (CIMT) measurement that includes the common carotid artery (CCA), the carotid bifurcation and internal carotid artery (ICA) could provide more accurate measurement, but this type of measurement was not conducted for several reasons. First, as already mentioned, there is no universally accepted standardized measurement protocol and most studies were performed using only CCA IMT [3]. CCA IMT is a well-known marker of atherosclerosis and its association with cardiovascular and cerebrovascular events has been proven repeatedly [4–6]. The measurement of CCA IMT is easier to obtain and is highly reliable with less variability in measurements [6,7].

To conclude, although we agree our study protocol has its limitations, we believe that it provided more feasible patient examination and more comparable results.

**Conflicts of Interest:** The authors declare no conflict of interest.



**Citation:** Bažadona, D.; Matovinović, M.; Krbot Skorić, M.; Grbavac, H.; Belančić, A.; Malojčić, B. Reply to Saleh, C. Comment on “Bažadona et al. The Interconnection between Carotid Intima–Media Thickness and Obesity: Anthropometric, Clinical and Biochemical Correlations. *Medicina* 2023, 59, 1512”. *Medicina* **2024**, *60*, 1158. <https://doi.org/10.3390/medicina60071158>

Received: 28 May 2024

Accepted: 15 July 2024

Published: 18 July 2024



**Copyright:** © 2024 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

## References

1. Bažadona, D.; Matovinović, M.; Krbot Skorić, M.; Grbavac, H.; Belančić, A.; Malojčić, B. The Interconnection between Carotid Intima–Media Thickness and Obesity: Anthropometric, Clinical and Biochemical Correlations. *Medicina* **2023**, *59*, 1512. [[CrossRef](#)] [[PubMed](#)]
2. Saleh, C. Comment on Bažadona et al. The Interconnection between Carotid Intima–Media Thickness and Obesity: Anthropometric, Clinical and Biochemical Correlations. *Medicina* **2023**, *59*, 1512. *Medicina* **2024**, *60*, 981. [[CrossRef](#)]
3. Ling, Y.; Wan, Y.; Barinas-Mitchell, E.; Fujiyoshi, A.; Cui, H.; Maimaiti, A.; Xu, R.; Li, J.; Suo, C.; Zaid, M. Varying Definitions of Carotid Intima-Media Thickness and Future Cardiovascular Disease: A Systematic Review and Meta-Analysis. *J. Am. Heart Assoc.* **2023**, *12*, e031217. [[CrossRef](#)] [[PubMed](#)]
4. Simons, P.C.; Algra, A.; Bots, M.L.; Grobbee, D.E.; van der Graaf, Y. Common carotid intima-media thickness and arterial stiffness: Indicators of cardiovascular risk in high-risk patients the SMART study (Second Manifestations of ARterial Disease). *Circulation* **1999**, *100*, 951–957. [[CrossRef](#)] [[PubMed](#)]
5. Bots, M.L.; Hoes, A.W.; Koudstaal, P.J.; Hofman, A.; Grobbee, D.E. Common carotid intima-media thickness and risk of stroke and myocardial infarction: The Rotterdam Study. *Circulation* **1997**, *96*, 1432–1437. [[CrossRef](#)] [[PubMed](#)]
6. Frauchiger, B.; Schmid, H.P.; Roedel, C.; Moosmann, P.; Staub, D. Comparison of carotid arterial resistive indices with intima-media thickness as sonographic markers of atherosclerosis. *Stroke* **2001**, *32*, 836–841. [[CrossRef](#)] [[PubMed](#)]
7. O’Leary, D.H.; Polak, J.F.; Wolfson, S.K., Jr.; Bond, M.G.; Bommer, W.; Sheth, S.; Psaty, B.M.; Sharrett, A.R.; Manolio, T.A. Use of sonography to evaluate carotid atherosclerosis in the elderly: The cardiovascular health study. *Stroke* **1991**, *22*, 1155–1163. [[CrossRef](#)] [[PubMed](#)]

**Disclaimer/Publisher’s Note:** The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.