AI real-time color overlay of sonoanatomy

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Received: 27 May 2021 / Accepted: 2 June 2021 / Published online: 8 June 2021
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To the Editor:

We congratulate Gungor et al. [1] on their work. We agree that acquisition and interpretation of optimal images for ultrasound-guided regional anesthesia (UGRA) is challenging and innovative approaches are required [2].

We note the statement “*clinical validation of the accuracy of a real-time sonoanatomy identification via AI-supported ultrasound-guided peripheral nerve block practice has not been conducted yet*”. We put forward our recent publication, Bowness et al. [3], which presents a clinical evaluation of a real-time AI-based system (*ScanNav Anatomy Peripheral Nerve Block*; Intelligent Ultrasound, Cardiff) for assisting in the identification of anatomical structures on ultrasound during UGRA. We are also interested that a radiologist was a validator in their study, as radiologists may be less familiar than experienced regional anesthesiologists in identifying sonoanatomy relevant to UGRA.

We fully support the aims of Gungor et al. and look forward to further publications and insights into this exciting

field within UGRA. AI is at the beginning of its journey in UGRA—it is vital that we collaboratively build the correct framework and expectations for this promising tool.

References

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Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

This comment refers to the article available online at <https://doi.org/10.1007/s00540-021-02947-3>.

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