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We thank Dr. Nduka et al. for this interesting article [1]. We very much enjoyed reading the detailed Instructions for Sonography of the Mimic Musculature [2]. We found the schematic, yet practice-orientated drawings helpful for visualizing the complex facial anatomical relationships and different planes. We see our structured working protocol as add-on to their work [3].

Together with other advancements in clinical facial palsy (FP) diagnostics and basic scientific translational efforts, such as automated grading systems or axon quantification, high-resolution ultrasound (HRUS) enlarges the FP surgeon’s arsenal and understanding of FP disease [4–9].

Reading both publications, FP surgeons with basic levels of knowledge of facial HRUS may enhance their clinical workflow and refine their diagnostic setting in FP patients. Such an evidence-based approach might promote FP patient care, scientific data acquisition, and cost-effectiveness.

In future studies, the combination of facial HRUS and machine learning should explore the feasibility of automatizing this diagnostic step. Overall, facial HRUS represents a promising research field for both basic and clinical studies, and we are looking forward to future developments in facial HRUS.

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References


