AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

UNEXPECTED COMPLICATION AFTER HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) SKIN TIGHTENING

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Background: Ultrasound was recently introduced as a new treatment modality for many therapeutic and cosmetic purposes. In 2009, High intensity focused ultrasound (HIFU) was approved by the FDA for brow lifting. Currently it is being widely used for facial rejuvenation, lifting, tightening, and body contouring which are considered off-label uses.

Observation: We had a case of an unexpected complication of the HIFU machine which had not been mentioned before in any previous study. We dived deeply in the patient’s clinical data and medical history to find out the explanation of this complication.

Key message: Sharing our experiences of possible complications of those relatively new machines, could help us improve our practice and thus our patient safety and satisfaction.