

3D Ultrasound and Virtual Touch® in Breast Tumors - Two Clinical Cases

Claudiu V. Leonida¹, Alina Topciu²

¹Kaliophion Medical, Brăila, Romania

²CMI Dr Topciu Alina, Brăila, Romania

Abstract

Visualization of infraclinical malignant lesions using 3D breast ultrasound, and differentiation of benign and malignant lesions using ARFI Virtual Touch® technology in two patients. 3D ultrasound is useful in early detection of architectural distortions, even in the soft tissue of the breast, and Virtual Touch® ARFI differentiates more accurately malignant vs. benign lesions, allowing the patient to be regraded in the BiRADS score (increasing or decreasing the BiRADS score, depending on the situation).

Key words: 3D breast ultrasound, ABVS, Virtual Touch, ARFI