

Hitachi SOFIA 3D Breast Ultrasound System



DETAILS

Designed for women whose breast density may result in an inconclusive mammogram, SOFIA uses ultrasound to create a 3D volume of the whole breast. Patients are imaged in the prone position, placing their breast onto SOFIA's unique radial scanning array. With the breast compressed simply by laying prone, the patient rests comfortably during the system's rapid automated 30-second scan. The acquired high-resolution ultrasound images are then sent to the SOFIA workstation and reconstructed into a 3D volume of the entire breast that can be quickly interpreted by the radiologist.