

## Microwave energy used to successfully treat benign breast tumors

In a recent World Journal of Surgery and Surgical Research publication, doctors Huynh Quang Khanh and Tran Quyet Tien at Department of Breast, Cho Ray Hospital, Ho Chi Minh City, Vietnam shared the results of treating 41 patients with 64 benign breast tumors, and cysts from 2018 to 2019. Patients underwent microwave ablation (MWA) using MedWaves AveCure Microwaves Ablation system developed and manufactured in San Diego, CA USA. Results: 100% rated excellent for post-ablation aesthetics, and there were no side effects, relapse, or malignancies during follow-up. The study concluded MWA of benign breast tumor, and cyst is feasible and highly efficient. Symptoms and lesion sizes were significantly reduced, with fast resilience (recovery of shape) and aesthetics preservation.



The microwave energy ablation provides the surgeons with adjuvant capability for treating benign breast tumors and cysts to restore shape and quality of life when used in conjunction with existing techniques.

MedWaves AveCure® microwave ablation system delivers microwave energy to diseased tissue with a smart antenna located at the distal end of a probe or catheter connected to an intelligent microwave generator using temperature and power feedback controls for safe, effective, and predictable treatment. The antenna can be placed into position using minimally invasive surgical techniques in conjunction with the readily available imaging system such as computer tomography, magnetic resonance, ultrasound, bronchoscope, and endoscope to deliver therapeutic energy.

AveCure® microwave ablation system is FDA 510(K), CE Mark and COFFEPRIS registered. The MedWaves AveCure® Ablation System is intended for use in percutaneous, laparoscopic, and intraoperative coagulation-ablation of soft tissue.

The MedWaves Ablation System is not intended for use in cardiac procedures.

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