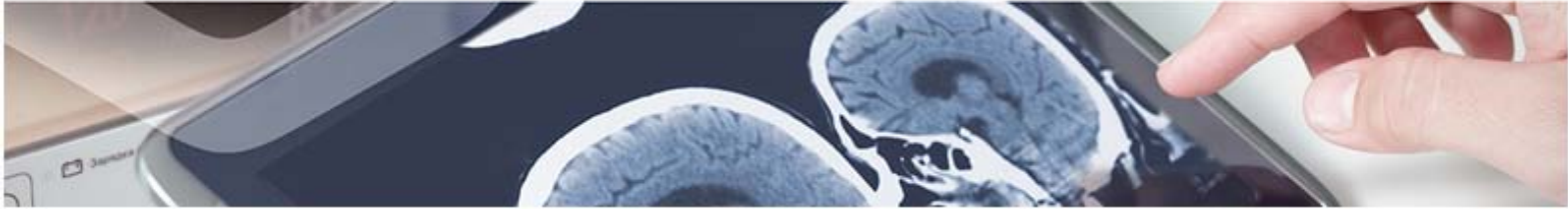




Medical Devices

Breast displacement measuring device

A research group from Andalusian Public Health System (SSPA) has developed a device for measuring implanted breast displacements.



Description

A high percentage of breast augmentation procedures in Spain involve submuscular implantation. This procedure can, however, cause the breast to become displaced or deformed unnaturally, as a result of contractions of the breast muscle, pectoralis major.

Currently, there is no objective method for measuring the nature and extent of breast displacement, nor a protocol or guidance on the variables that characterise such movement.

The research group has therefore designed a displacement measuring device for breasts with submuscular implants (dynamic breasts). The measurements obtained will be used to generate a database from which threshold values can be established for defining when the displacement might be considered abnormal, as well as an objective indicator of the severity of the problem.



Advantages

1. The measurements obtained can be used to generate, for the first time, an objective classification of breast displacements and deformities caused by muscle contraction, and protocols for correcting such deformities, in accordance with the said classification.
2. An objective evaluation of the results of dynamic breast implantations, including displacement rates deemed acceptable through informed consent.
3. Better information for patients.

4. Knowing when further surgery is needed to correct such anomalies.
5. To help justify good medical practice, if required.



Intellectual Property

This technology is protected by patent.



Aims

We are looking for a partner interested in a license and/or a collaboration agreement to further develop and exploit this innovative technology.



Classification

Area: Medical device
Technology: Others
Pathology: Women 's health