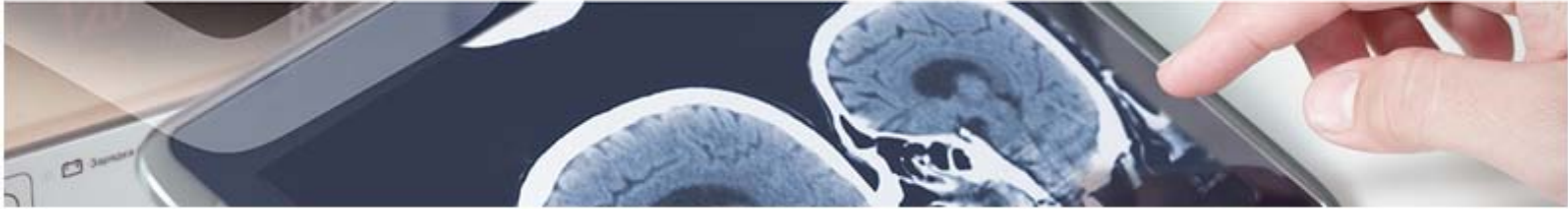




Medical Devices

Device for quality control for ionizing radiations emitting equipment.

A research group from the Andalusian Public Health System (SSPA) has developed a device to perform quality controls to ionizing radiations emitting equipment.



Description

To comply with quality criteria in the radiodiagnosis field, overlapping between the radiation field and the input surface from the imaging system must be verified. Verifying this, will ensure that the patient will receive only radiations needed.

The proposed device is designed to verify that in a ionizing radiation emitting equipment, radiation field matches the system input surface imaging equipment.



Intellectual Property

This technology is protected by Spanish Patent Application.



Aims

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



Advantages

Traditionally used methods are either next to disappear from markets or are too expensive. This new device has the following advantages over the traditional methods:

- With this device, an **immediate measure** is obtained, there is no need to wait some time afterwards (as with some traditional methods, where you have to process the film...).
- This device is **not based on consumables**, so it could be used over the whole lifecycle of the equipment.
- Reduced costs, when compared with the traditional methods.



Classification

Activity / Type: Medical Devices

Keywords: quality control, radiation field, radiodiagnosis.