

POSITIONING DEVICE FOR BONE DISEASE

Summary of the offer

This refers to a positioning device intended for use in the treatment of benign tumours, such as osteoid osteoma, using computed tomography-assisted radiofrequency ablation.

Description of the offer

Osteoid osteoma (OO) is a benign tumour characterised by a nidus of osteoid tissue, normally of diameter below 1cm. Given that it is a millimetric-scale tumour, surgical treatment is especially challenging due to the difficulty of approaching the tumour accurately.

This novel positioning device offers the means of securing the limb of the patient in a position suitable for surgical intervention. In addition, the device can be located to accommodate all necessary angles for accessing the surgical site, by means of an adjustable system featuring a set modular telescopic arms of different lengths.

The positioning system consists of a frame for attaching one or more interchangeable perforated plates. The size of these

perforations can be selected as required to accommodate locally the devices involved in the intervention.

Advantages of the offer

The system offers the following advantages:

- It enables the surgeon to more accurately position the electrode.
- It can be applied to other similar bone interventions.
- Reduces the time of exposure to radiation for the patient.

Intellectual Property

This technology is protected by patent.

What we are looking for?

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

Classification

Category: Medical device



UNIDAD DE TRANSFERENCIA TECNOLÓGICA. FUNDACIÓN PÚBLICA ANDALUZA PARA LA GESTIÓN DE LA INVESTIGACIÓN EN SALUD DE SEVILLA (FISEVI)

Hospital Universitario Virgen del Rocío. Edificio de Laboratorios, 6ª Planta. Avda. Manuel Siurot, s/n 41013 Sevilla. ESPAÑA ☎ +34 955 013 647 MÓVIL: +34 671 597 577 ✉ pablo.hervas.exts@juntadeandalucia.es

