

Supporting device for the guidance of catheters insertion

Available to license: a supporting device for the guidance of catheters insertion

IDIVAL has developed a supporting device for the guidance of PICC catheters and brachial reservoirs, that allows catheters and reservoirs to be placed in the ideal location of the patient's vein.

Supporting device for the guidance of catheters insertion

In the medical field, when a patient needs a medical treatment, or for a long time, or the patient has poor venous access, peripherally inserted central venous catheters (PICC) or brachial reservoirs are usually inserted in a patient's vein. Through these devices, healthcare personnel can infuse all types of medication, extract blood samples and also perform scanners or magnetic resonance imaging.

Following the normal practice of catheters insertion, it has been observed that the catheter can migrate from the place where it was located. This migration can result in serious consequences for the patient's health.

Here we present a supporting device for the guidance of catheters insertion that allows catheters and reservoirs be placed in the ideal location of the patient's vein without possibility of future migration.

Competitive advantages

The main competitive advantages of the supporting device for the guidance of catheters insertion are:

- The device provides an easy guidance for the correct insertion of catheters and brachial reservoirs.
- It is a support device that is placed out of the sterile field of the operating room.
- It can be made of radiolucent material to be used in X-ray rooms.

Supporting Data

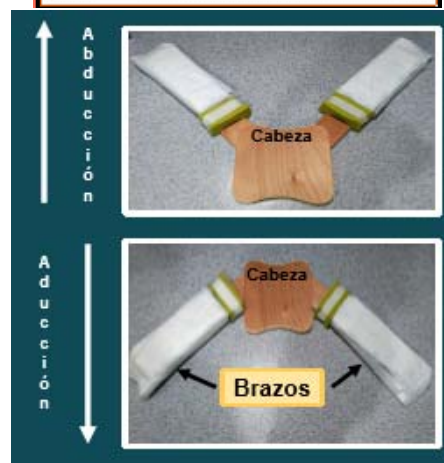
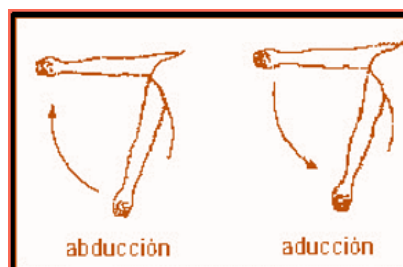
A prototype has been developed. Currently, it is being used in the Interventional Radiology Service at Hospital Universitario Marqués de Valdecilla.

Market insight

This technology will be of interest to companies involved in the development of catheters and reservoirs.

Patent Protection

An utility model covering this technology has been filed through Spanish Utility Model Application U201700120. IDIVAL would like to talk to companies interested in commercializing this device or in a research cooperation agreement to develop it.



Principal inventors:

Marta Rubio Cuevas

Manuel Iglesias Peramato

Hospital Universitario Marqués de Valdecilla (HUMV)

For further information please contact:

Patricia Zorrilla de la Fuente

Technology Transfer Office- IDIVAL

otri@idival.org

+34.942.31.55.15 Ext 073144

www.idival.org Santander, Spain