



Medical Devices

Tracheostomy tube exchanger

A research group of the Andalusian Public Health System (SSPA) has developed a tracheostomy tube exchanger aimed at reducing the risk of infection and/or injury associated with ventilation tube replacements.



Description

The exchanger serves as a guide for inserting new tubes into the trachea. It is designed for use with patients with temporary tracheostomy tubing – ie undergoing assisted mechanical ventilation or oxygen-enriched spontaneous breathing.

The device's basic purpose is to ensure the correct placement of new ventilation tubes, in readiness for connection to the support system that is required in each case.

This new tracheostomy tube exchange device addresses the problems associated with ventilation tube placement, such as injury and infection.



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.



Advantages

1. It minimises the complications that can arise when changing the tubing.
2. It reduces the indirect health costs associated with such complications.
3. The exchanger not only serves as a guide when inserting the new tube, but also enables the patient to be ventilated should complications arise.
4. It also enables the introduction of a new, smaller tube in cases involving a narrowing of the tracheostomy, thereby reducing patient discomfort.



Classification

Area: Medical device

Pathology: Respiratory and Pulmonary system