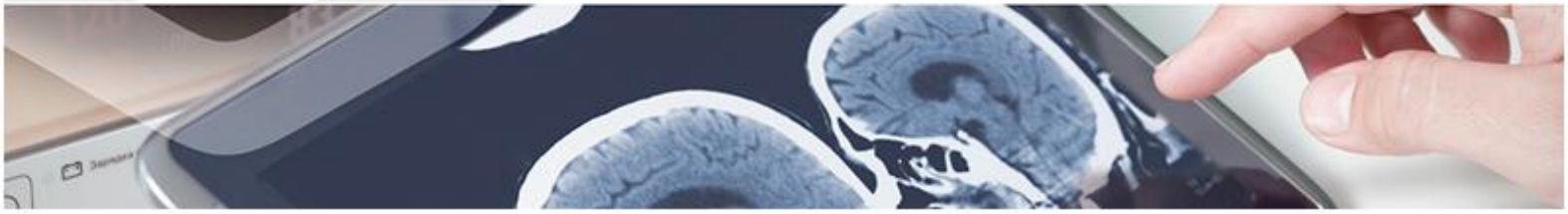
Medical Devices

Device for anastomosis

A research group from the Andalusian Public Health System has developed a device for use in operations anamostosis to increase, restore or replace the functional activity of a tissue from a diseased/damged organ.

Oficina de TRANSFERENCIA DE TECNOLOGÍA
Sistema Sanitario Público de Andalucía



Description

Anamostosis process is a reconstruction of anatomical structures typically similar, after removal or partial removal of a usually ill portion thereof.

The device comprises a tubular element developed manufactured resorbable biocompatible material, having a plurality of pores on its surface. The device is coated with a material comprising hyaluronic acid, agarose and other materials. This biomaterial is biocompatible and resorbable

Advantanges

1- In the presence of stenosis or characteristic of the extrahepatic bile duct cancer conditions, these segments can be removed and replaced by the artificial channel through term-end anastomosis.
2- This makes it possible to preserve the papilla of Vater, maintaining biological function of this valve, preventing retrograde infections in the Biliodigestive anastomosis. Animal studies with good results.

Intelectual Property

This technology is protected by patent

Aims

The group is looking for a license agreement and / or collaboration

Classification

Area: Medical Device
Technology: Biomaterials
Pathology: Oncology

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