

Device for converting a surgical instrument into a spreader

INVENTORS: Servei de Salut de les Illes Balears; Institut d'Investigació Sanitària de les Illes Balears

HIGHLIGHTS

- ✓ Organ damage can be reduced in surgery
- ✓ Different separators can be applied in the same surgery
- ✓ User friendly

TECH STATUS

- ✓ TRL6
- ✓ PATENT Priority numbers: P202130093
- ✓ Priority date: 08 February 2021

Problem to be solved

This new technology presents current solutions such as reducing damage to any organ, unlike other instruments called laparoscopic retractors. In addition, they can be modulated to the surgery, organs and number of instruments used.

Background and Technology

Up to now, when performing abdominal surgery by laparoscopy, they often encounter the problem that there is not enough room and therefore they need to make another incision for a specific retractor with all that this entails, such as the scarring of the perforation that has been used only for this retractor.

This is where innovation comes in, because it is a flexible tool that can be attached to the clamp itself at the desired distance, with measurements that can vary depending on the need, several can be used at the same time. Therefore it gives a large number of combinations of use.

Applications

The applications of the invention are in the medical industry dedicated to the instrumentation of laparoscopic surgery of any speciality, as long as the dimensions do not exceed the insertion channels of the laparoscopic forceps.

Technology status

Small and flexible tool to improve the quality of laparoscopic surgery.

Patent Application number:

PCT application No: PCT/EP2022/052851

Title: Device for converting a surgical instrument into a spreader

Collaboration between two applicants:

Servei de Salut de les Illes Balears and Institut d'Investigació Sanitària de les Illes Balears.

Market Opportunity

The patent was licenced to MALLORCA MEDICAL DEVICES in April of 2023 after a

Contact Information:

carlos.enrique@ssib.es – Health Research Institute of the Balearic Islands (IdISBa)



IdISBa

search for companies interested in the technology.

Innovation Portfolio

Contact Information:

carlos.enrique@ssib.es – Health Research Institute of the Balearic Islands (IdISBa)