

# 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

- ✓ TRL5
- ✓ 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

#### Contact Information:

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The group is considering both the creation of a company and the commercialisation of the product by looking for partners.