

LIVER VACBAGPACK

INVENTORS: Servei de Salut de les Illes Balears; Servicio Andaluz de Salud

HIGHLIGHTS

- ✓ Emergency use in patients with polytrauma
- ✓ Much simpler and quicker to use

TECH STATUS

- ✓ TRL5
- ✓ PATENT Priority numbers: P201830027
- ✓ Priority date: 10 January 2018

Problem to be solved

The present invention shows a high benefit in patients with liver damage, usually due to polytrauma where the current solution is automated thus avoiding the problems that can be presented by doing it manually.

Background and Technology

In patients who come to hospital with multiple abdominal trauma involving the liver, the liver is currently being packed with compresses in which you don't know exactly whether you are applying the correct pressure, with all the future damage that this entails.

With this technology the liver is wrapped with a mesh to which you can control the pressure, being easier to use and above all faster, because it is when the patient's life is in greater danger.

Applications

The application of this invention is only to pack the liver when it is severely damaged for any reason, but especially when there has been a polytrauma. This product, apart from wrapping the liver with sufficient pressure so that the patient's liver does not get worse,

allows it to do so much more quickly, as well as providing other information when connected, such as exudates from the organ and without affecting neighbouring organs.

Technology status

Clinical trials on animal species have been successfully carried out.

Patent Application number:

ES2778086B2

PCT application No: WO2019/137931

Title: Liver vacbagpack

Collaboration between two applicants: Servei de Salut de les Illes Balears and Servicio Andaluz de Salud.

Market Opportunity

Partners are currently being sought to continue the invention for the next phases.

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