

TITLE: SENSITIVE DRAINAGE SYSTEM FOR ORGANIC FLUIDS PRESENT IN WOUNDS OR STOMAS OF PATIENTS

FIELD OF INTEREST

Medical Devices (drainage, stomas, organic fluids)

CLINICAL NEED

Drains are devices used in medicine and surgery to promote the evacuation of organic fluids, excreted or secreted naturally or pathologically in different cavities or surgical wounds. Currently there are two types of drains: active (they have negative pressure) and passive, which in turn can be by capillarity or by gravity. In the treatment of complex wounds with high output enterocutaneous fistulas, healing is compromised. There is an unmet medical need to generate drainage systems that are capable of being programmed to determine and decide, in an automated way, when their activation or deactivation is necessary, or even define the time interval of activation of the system.

DESCRIPTION OF THE INVENTION

Researchers have developed a medical device for the drainage of organic fluids present in wounds or stomata of the patient. The system is automated through a processor unit (hardware) that executes a computer program (software) to manage its activation and deactivation, based on the data taken by a sensor regarding different physical and / or chemical variables measured in the fluid.

TECHNOLOGY KEYWORDS

Sensitive drainage, stomas, organic fluids, active drains, passive drains.

IPR STATUS

Patent application number: P202130255.

Applicants: FIIS-FJD.

TYPE AND ROLE OF PARTNER

Looking for commercial partners interested in licensing.

Contact details:

Innovation Unit
e-mail: laura.felipeo@quironsalud.es