



Medical Devices

Fast-Acting Emergency Tourniquet

A research group from the Andalusian Public Health System (APHS) has developed a device that allows to apply an emergency tourniquet in a quickly way.



Description

There are so many known devices designed for emergency tourniquets to stop the bleeding on a limb. There are two groups: manual and automatic devices. The former, have the disadvantage of being too slow, and the latter, the problem that they need an access to a pneumatic system to connect the device. For these reasons, current devices do not solve the question of doing a tourniquet quickly in emergency situations.

A research group from the Andalusian Public Health System has developed a device that allows to apply an emergency tourniquet in a quickly way. It is based on an automatic system which also includes a portable holder containing the compressed gas for its utilization.



Intellectual Property

This technology is protected by utility model.



Aims

The research group is looking for a collaboration agreement for further development or a license agreement.



Advantages

This Fast-Acting Emergency Tourniquet offers the following advantages over traditional methods of action:

1. Combines the portability of manual devices and the rapidity of pneumatic ones.
2. Easy to use.
3. Controlled Effectiveness.
4. It is fungible.



Classification

Area: Medical Device

Pathology: Other