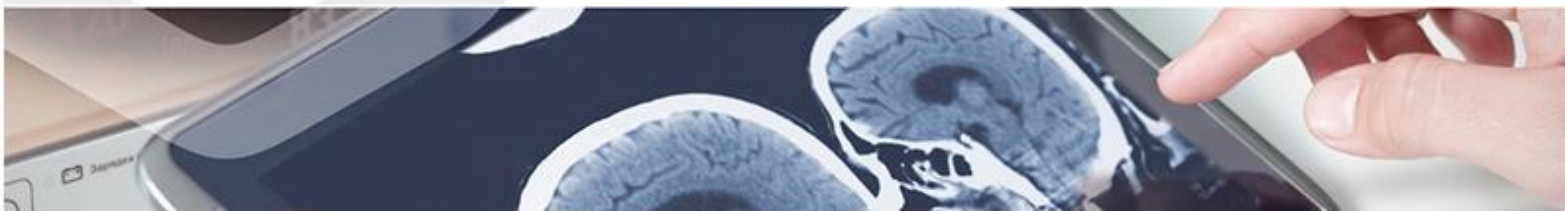




Medical Devices

Double Serum Bag

A research group of the Andalusian Public Health System (SSPA) has developed a double serum bag, especially designed for patient's drug intravenous administration which must be diluted in physiological saline, ensuring total drug dosage.



Description

After an intravenously drug administration, it is necessary to properly clean the infusion system in order to remove possible remains of the administered drug to the patient. This is an important step since the drug could oxidize and lose their properties or even become harmful.

The cleaning of the infusion system is currently carried out by making a concrete volume of saline solution goes through the system so that the entire drug remains could enter into the patient's organism, leaving the infusion system clean and empty.

Two of the systems used for that purpose are not able to suitably control the quantity of serum infused, with the following serious risk to patients who are under hydrological restrictions. Another disadvantage arises when the healthcare staff finishes and starts their work day as it not always easy to know whether the cleaning has already been made or not yet. Finally, a third problem is with those drugs whose intravenous administration requires a previous dilution. In these cases, two different bags are needed: one for the dilution and administration, and the other for the cleaning of the system.

In order to solve the above current disadvantages, a research group of Andalusian Public Health System (SSPA) has designed a double serum bag for drug administration and the later cleaning process, even in those cases where the drug need to be previously diluted.



Advantages

1. Simplifies the process of drug administration.
2. Minimizes the volume of serum is administered to the patient during the cleaning operation of the infusion system.
3. Offers a faithful warranty as to whether the infusion system has been cleaned.



Intellectual Property

This technology is protected by patent.



Aims

The group is looking for a license agreement exploitation and / or collaboration.



Classification

Area: Medical Devices
Pathology: Other