



ANTISEPTIC, ANTITHROMBOTIC LOCK COMPOSITION FOR INTRAVASCULAR IMPLANTS

#KEYWORDS

Lock composition
Catheters
Antiseptic Solution

CONTEXT

Healthcare related infections, such as from the use of catheters, are a topic of major concern but remain preventable. The National Program for Prevention of Nosocomial Infections listed, among its priorities, the prevention of infections associated with invasive procedures, such as catheters and implantable catheter chambers used for repeated administration of medication through the vascular system, for dialysis and for parenteral administration of food. These infections are causing an extension of stay of the patient and an estimated additional cost of € 6,000 and € 50,000, and possibly mortality in excess estimated between 4 and 25% of patients with bacteremic episode.

TECHNOLOGY

A precisely-dosed lock solution that combines antiseptic, antimicrobial and anti-thrombotic properties and is intended to be used in any intravascular device, including catheters implanted in a patient.

The composition of the lock entered a multicenter clinical trial for IIIb qualification as a medical device.

BENEFITS

- Prevention of thrombus formation as its presence in catheters significantly increases the risk of microbial colonization, potentially leading to septicemia.
- Prevention or destruction of biofilm.

INTELLECTUAL PROPERTY

- Priority filing in 2012
- Requests filed in US / EP.

PARTNERSHIP

Licensing

RESEARCH TEAM

Prof. B. SOUWEINE team
Head of the RHEUNNIRS
Division - Reanimation &
Nephrology

Université d'Auvergne
Gabriel Montpied University
Hospital Center, Clermont-
Ferrand, FRANCE

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CONTACT

Magali GRANGER
Business Developer

Tél. +33 (0)6 34 22 36 89
Mail :
magali.granger@sattgc.com

8, rue Pablo PICASSO
63000 CLERMONT-
FERRAND

www.sattgc.com