

# Post-surgical wound infection detection assistant

INVENTORS: Servei de Salut de les Illes Balears; Universitat de les Illes Balears

## HIGHLIGHTS

- ✓ Predict whether a patient has early sepsis.
- ✓ Reduces mortality in patients and the resources needed to treat them.

## TECH STATUS

- ✓ TRL5
- ✓ Intellectual property

## Problem to be solved

The application we are talking about avoids unnecessary travel for patients with post-surgical wounds, with all that this entails, such as asking for time off from work, long journeys to work, etc., and the need for patients to be able to travel to and from the hospital.

## Background and Technology

Currently, after abdominal operations, patients have to undergo consultations for long periods of time. What happens is that appointments with doctors nowadays are made face to face, where many of them are unnecessary because they are simply revisions and that negatively affect the quality of life of the patient, because it is possible that they have to travel long distances or make these consultations at times that do not involve a reconciliation with working life and therefore have to ask for leave from work...

This is where the REDSCAR application comes in, as it allows telemedicine where a telematic assessment of the abdominal scar is carried out and determines whether or not a face-to-face consultation is necessary.

## Applications

The main application is to realise what is known as telemedicine which overcomes time and geographical barriers between patient and doctor.

## Technology status

### Intellectual property

**Title:** Post-surgical wound infection detection assistant.

**Collaboration between two applicants:** Servei de Salut de les Illes Balears and Universitat de les Illes Balears.

## Market Opportunity

The owners of this software are currently looking for commercial partners.

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