



ICT

Intelligent Management System of Waitlist (GELIDES)

Intelligent system of surgical patient prioritization

Oficina de
**TRANSFERENCIA
DE TECNOLOGÍA**
Sistema Sanitario Público de Andalucía



Description

An Andalusian research group has developed an intelligent system of surgical priority of patients. This system is based on the timeout and clinical severity following the standards recommended by the Spanish Society of Cardiovascular Surgery and Cardiology.



Intellectual Property

This technology is protected by Intellectual Property Registry.



Aims

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



Advantages

The effectiveness and efficiency of a surgical program is mainly based on the appropriate patient selection. This should take in account the clinicopathological risk and complexity of the patient as well as the ideal time for surgical treatment.

The main advantages of this system are:

- Intelligent classification for easy access in patients based on their cardiovascular pathology.
- Automatic dynamic function of the waitlist, with varying color code and priority.
- Simplification of patient selection for daily surgical program, based on the timeout and clinical severity.
- Morbidity and mortality reduction associated with waiting lists.
- Exportable model to other medical-surgical areas. Transferable structure to various health areas.



Classification

Area: ICT

Technology: Software

Pathology: Cardiovascular diseases