

Decision support system (DSS) for the implementation and clinical evaluation of personalized therapeutic strategies for the self-management of hypertension (HTA)

DESCRIPTION OF THE TECHNOLOGY

The technology is oriented to improve the blood pressure control, the clinical tracking and its related treatment.

Implementing AI techniques, the technology gather and analyse dynamically clinical and quality of life data from the patient in order to recommend self-management and self-adjustment of the treatment to him and to build a shared knowledge database for doctors. It is prepared to integrate it into a cloud platform and oriented to be used through mobile devices.

It also try to find out patterns in order to predict optimum treatments, minimize secondary effects or reduce medical costs.

MARKET APPLICATION SECTORS

-) State and private hospitals
-) Insurance companies
-) Health companies

TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

The technology offers the following advantages and benefits:

-) Oriented to self-management
-) Quality of life data gathering envisaged in order to discover new patterns
-) Shared knowledge database for doctors
-) Cloud integrated

CURRENT STATE OF DEVELOPMENT

TRL3: experimental proof-of-concept

INTELLECTUAL PROPERTY RIGHTS

The technology is being developed under the project "TIC4HTA" funded by the MINECO.

COLLABORATION SOUGHT

Companies interested in the following systems of cooperation:

-) Agreement about implementation and test and extend the use of technology and concept.
-) Agreement about Research & Development for implementing new applications to the technology and concept.

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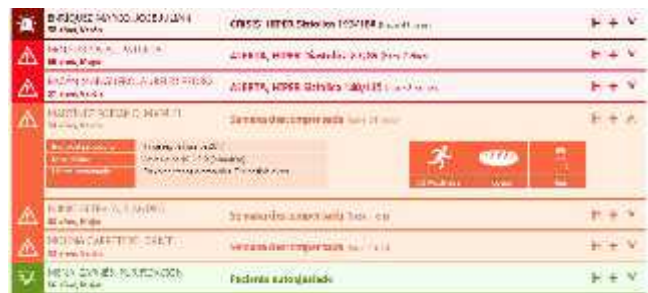


Image 1:

Image 2:

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