Innovative simulation systems

Simulation systems allow healthcare personnel to train their skills by replicating clinical scenarios very closely to reality. Their value as training tools in advanced techniques makes them one of the priority challenges for Precisaúde, with a view to two specific applications.

Firstly, the **simulation of hemodynamic techniques for the treatment of cardiorespiratory** arrest and massive internal bleeding, together with advanced simulators of the extracorporeal membrane oxygenation technique. Cardiac and respiratory support for patients with severely damaged lungs and hearts is a delicate process in which the expertise of professionals is essential.

Secondly, the **simulation of the treatment of chronic wounds** is of special interest to improve the quality of life of the elderly, who are at greater risk of suffering from ulcers.

Call for Preliminary Market Consultation of the PRECISAÚDE Health Innovation Plan (OPEN)

Priority areas of action
PRECISAÚDE Health Innovation Plan, focused on 5P medicine
Innovative solutions based on biomarkers
Advanced genomic analysis solutions
Innovative therapies