

## THE PROBLEM

**Physical restraint** remains a **common practice** for **controlling agitation symptoms** and **disturbed behaviors** in emergency rooms and in acute psychiatric units in hospitals. The **subjectivity** in the **management** of the **agitation** is a **common reality worldwide**. There is a need in healthcare settings to reduce the duration of the contention time in order to avoid side effects and associated costs of mechanical contention.



**500.000** restraint patients / year (USA)



**4 - 72h** average contention time



**40%** of agitation episodes are managed using mechanical contention.

## THE SOLUTION

Safety HUG is able to provide an objective overview of the agitation episode by capturing objective data from agitated patient in real time. The aim of the project is to dignify the treatment of agitated patients through an earlier release of the mechanical contention.

- Sensor that registers physiological parameters.
- A digital platform that communicates with the sensor and creates simultaneous stats of the patient activity during the contention time.
- The information is sent to the physician through an App.

## KEY BENEFITS



**Earlier** release of the mechanical contention.



**Safer** procedure for all stakeholders



**Easier** management of the agitation from the healthcare professional

## MILESTONES

2015 **Problem detection**

2016 **Solution design**

2018 **First patent**

2019 **First prototype**

2020 **Clinical validation**

2021 **CE Mark**

2022 **Market Launch**

## ACCELERATION PROGRAMS

2018  
Programa impacte



2019  
Up to 100.000€



2019  
The Collider program



## AWARDS

2019: 30.000€



2019: 1.500€



## MANAGING TEAM



**Javier Pérez**  
Project Leader



**Eduard Soler**  
Project Manager



**Dani Blanco**  
Product Developer



**Laura López**  
Business Developer



**Ferran Soldevila**  
Technology transfer

