## **COMMERCIALIZATION CECR FUNDING**



## **DESCRIPTION OF THE PROJECT**

EEG with pathology detection

#### **TECHNOLOGICAL CHALLENGE**

Early detection of post-operative delirium (seniors) and pediatric delirium

## **DEVELOPED SOLUTION**

NeuroServo has developed a miniaturized, non-intrusive, portable, wireless, and motion-resistant electroencephalogram (EEG).

Brain waves are analyzed in real time by NeuroServo's algorithms, allowing early diagnosis of post-operative delirium, a condition affecting 10 to 31% of hospitalized people aged 65 and over, dangerous to the patient (permanent cognitive loss, 30% increase in mortality at one year) and very costly to the health system when belated diagnosed.

Delirium is also very present in children admitted to pediatric intensive care.

#### **GOALS**

Patient well-being, mortality reduction and permanent cognitive impairment, reduced length of post-operative hospital stays, reduced costs to the health care system.





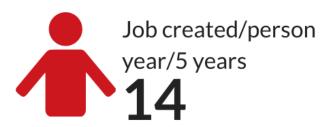


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# **IMPACTS O F THE PROJECT** 2019 - 2020









# -THIS PROJECT IS AN ACTIVE -COLLABORATION BETWEEN









