



**EASYNET**

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**A&F OBSTACLES**

**WP7 – Maria Cristina De Cola**

**IRCCS Centro Neurolesi “Bonino-Pulejo”, Messina**

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## **WP 7 - EFFECTIVENESS OF A NEW MODEL OF CLINICAL AUDIT AND FEEDBACK TOWARD THE “HIGH RELIABILITY” PATHWAY IN HEALTHCARE**

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### **Aims:**

- 1. Provide and implement a new A&F format in the context of cardiovascular emergencies as acute coronary syndrome (ACS) and stroke, and their rehabilitation pathways.**
  - 2. Improve the selection of patients with acute coronary syndrome and stroke suitable for specific treatment.**
  - 3. To improve the rehabilitation pathway in survivors of acute coronary syndrome and stroke.**
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### **Study Design:**

- **Pre-post study with a control group**

### **Intervention:**

- **An *ad-hoc* feedback intervention has been defined with the collaboration of a skilled psychologist, and will be administered by using telemedicine devices.**

### **Setting:**

- **Healthcare professionals involved in acute myocardial infarction (AMI) and ischemic stroke (both acute and rehabilitation) care pathways.**

### **Population:**

- **A selected cluster of hospitals provided by emergency and rehabilitation units, placed into the three main Sicilian cities (Palermo, Catania, Messina).**
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### **State of the art:**

- **Hospital selection and sample identification**
  - **Data collection (administrative archives)**
  - **Baseline calculation of the key indicators**
  - **Intervention definitions based on baseline results**
  - **A&F staff training**
  - **Psychological self-report scales administration to healthcare professionals.**
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### **Detected obstacles:**

- **Hospital protocols changes due to COVID-19 pandemic**
- **Difficulties in hospital enrollment due to change of some Medical Directors**
- **Directed data access**
- **Definition of indicators to detect the behavior change in rehabilitation setting, due to the absence of benchmarks.**

### **Actions:**

- **Change of study design from RCT to pre-post with control group**
  - **Control group traditional intervention removal**
  - **Collaboration with Epidemiological department of Sicily Region**
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### **Next activities:**

- **Audit and Feedback intervention realization**
  - **Data collection (administrative archives)**
  - **Follow-up calculation of the key indicators**
  - **Data analysis**
  - **Result disseminations**
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### **Expected obstacles:**

- **Definition of indicators to detect the behavior change in rehabilitation setting, due to the absence of benchmarks.**
  - **Poor participation of the feedback recipients**
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