



Network Of practitioners For
Emergency medicAl systems and
cRitical care



This project has received funding from the
European Union's Horizon 2020 programme,
under grant agreement no. 786670



NO-FEAR **N**etwork **O**f practitioners **F**or **E**mergency medic**A**l systems and c**R**itical care

SEREN4 WEBINAR

20.05.2020

Luca Leonardi | NO-FEAR Project Manager

Rachele Brancaleoni | NO-FEAR WP3 Leader



A pan-European network of practitioners for emergency medical systems and critical care



The NO-FEAR project

NO-FEAR is currently the only Practitioners' Network focused on **Emergency Medical Care**.

It is a complex chain provided by:

- **Emergency Medical Services** professionals
- **Hospital staff**
- Together and in close collaboration with many other players such as **police, firemen, rescue services** and even **citizens**

NO-FEAR pillars and transversal activities



Ethical, human, social and legal issues

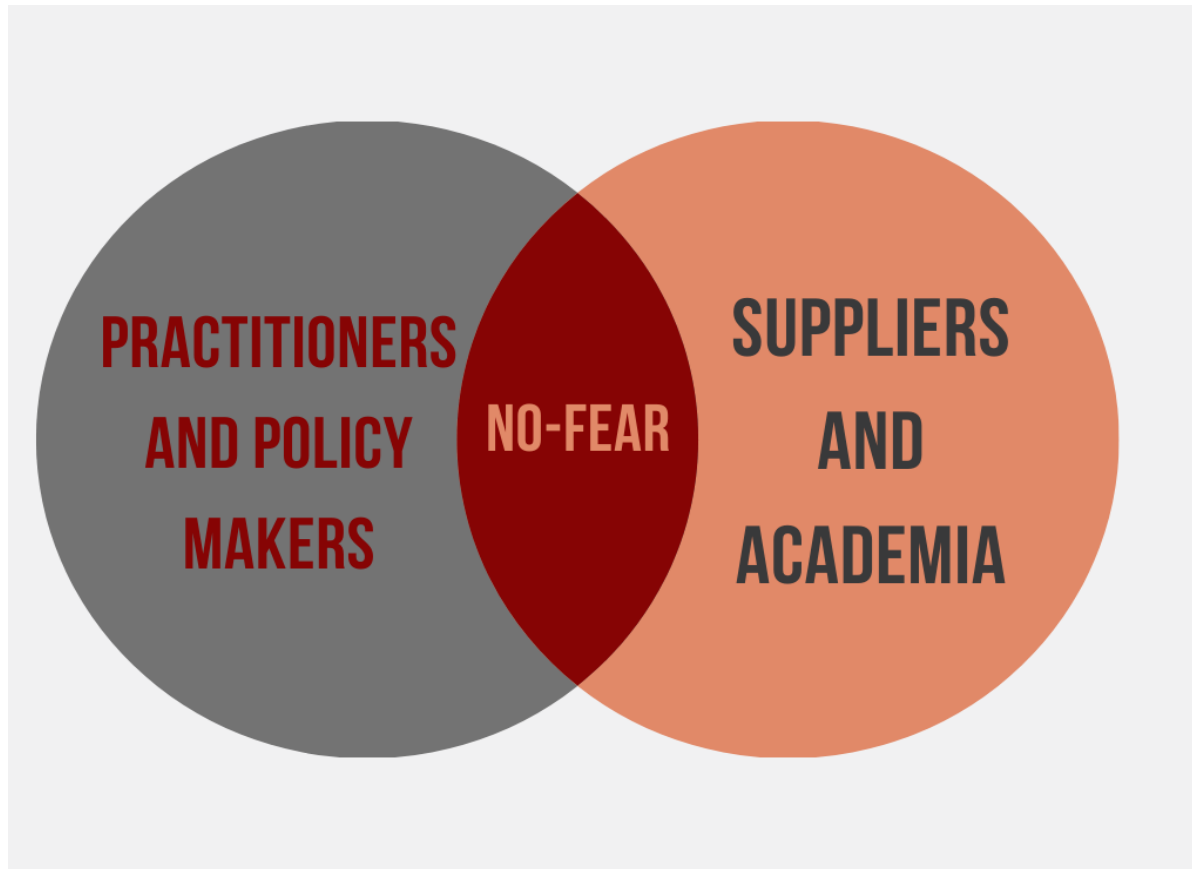
**Acute care of
the patient**

**Acute care
operations
in security
related incidents**

**Training and
education of
personnel and
volunteers**

Innovation monitoring and uptake plan

The NO-FEAR networks



For each pillar



DRS02 Call: What NO-FEAR can do?

- Lessons learned and identified by our network of practitioners also with respect of the COVID-19 outburst;
- A growing repository of Tools in our portal;
- SMEs and startups;
- A COVID-19 resource center on our portal;
- Hackathons (monitoring);
- Good practices exchange via webinars;

DRS02 Call: What CRIMEDIM can do?



- A WHO collaborating center;
- A whole team of experienced medical practitioners in the field of emergency, disaster and humanitarian medicine;
- A research center in the field of emergency, disaster and humanitarian medicine
- A training center for medicine education for medical and nursing students also with digital tools;
- A master course in Disaster medicine (EMDM), organizing a full scale simulation



DRS-02: the NO-FEAR perspective (1/3)



DRS-02: the NO-FEAR perspective (2/3)

During the Rome Demonstration (11.2019) we organized a session on Patient Handover. Gaps and Needs were analyzed according to the STS (Socio-Technical System) approach.

Most relevant G/N for DRS02 subtopic 3 are:

- Formal agreements/interoperability of systems/tools between EMS and Hospital
- Software tools to fill a Patient Clinical Record by the field operators to be uploaded into the ED info system
- DSS for pts distribution in hospitals with required medical capability and available resources
- Common approaches and training between LEAs, Fire Services, EMS and Hospitals

DRS-02: the NO-FEAR perspective (3/3)

Moreover:

- New diagnostic tools specific for triage
- Wearable medical devices to measure and register clinical parameters
- Rapid assessment of truncal penetrating trauma
- Serial re-triage instead of triaging the patient just one time

- REBOA on the field
- Intrabdominal foam for hemorrhage control
- Cooling the patient in cardiac arrest
- TTT rule (Time, Treater, Treatment) to be used when resources are scarce

DRS02 Call: What UCSC/FPG can do?



- A 1400 bed hospital (largest in Rome)
- Emergency Trauma Center level II
- High level experienced researchers on disasters and medical security, ethical and legal requirements of security related projects
- Medical school for doctors, nurses and other HC personnel
- Gemelli Training Center with advanced didactic technologies
- Experience in training and demonstration organization





Network Of practitioners For
Emergency medical systems and
critical care



This project has received funding from the
European Union's Horizon 2020 programme,
under grant agreement no. 786670



Thank you for your attention

SEREN4 WEBINAR

May 20th 2020

rachele.brancaleoni@unicatt.it

luca.leonardi@uniupo.it

