SUPPLEMENTARY FILE 1

Instrument used for the interview

First section: General characteristics and demographics

Is your SC affiliated to?
- Hospital
- University
- Private society
- Other [specify]

Where is your lab located?
- Inside the hospital
- In a structure completely separated from hospital’s wards

From an economic point of view, your centre is funded by: (more than one answer)
- Hospital
- University
- Private foundation
- Government
- Other [specify]

How many staff members has your centre up to date? (indicate the number)
- Full-time directors
- Part-time directors
- Full-time administrative staff
- Part-time administrative staff
- Full-time IT staff
- Part-time IT staff
- Full-time instructors/facilitators
- Part-time instructors/facilitators

Are you accredited to simulation societies?
- Società Italiana di Simulazione in Medicina – SIMMED
- Società Europea di Simulazione in Medicina – SESAM
- Società Americana di Simulazione in Medicina – SSH
- Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva – SIAARTI
- Società Italiana di Medicina d’Emergenza e Urgenza – SIMEU
- Other [specify]

Second Section: Before the COVID-19 pandemic

What type of simulation did you organize before the pandemic? (More than one answer)

In situ simulation for:
- clinical training
- creation and testing of diagnostic and/or therapeutic path

Simulation inside the SC for:
- technical skills (skill lab)
- non-technical skills
- high-fidelity simulation

Telematic modality:
Webinar
Video Recorded
Virtual Reality
Augmented Reality
Other [specify]

The spaces of the sim centre were:
- Dedicated only to simulation
- Used also for clinical purpose

The devices (such as ventilators, ultrasounds, etc.) meant for the simulation were:
- Dedicated only to simulation
- Used also for clinical purpose

The furniture (such as beds, stretchers, wheelchairs, etc.) meant for the simulation were:
- Dedicated only to simulation
- Used also for clinical purpose

The staff of the SC:
- Was dedicated only to simulation
- Had also other roles

What roles did they have?
- IT technician for other activity or institution
- Welfare activity as physicians
- Welfare activity as nurses
- Psychologists
- Other [specify]

Were there formal agreements with health care structures to provide materials and/or spaces from the SC in case of emergency?
- Yes
- No

Third section: During the COVID-19 pandemic

Did you close the centre?
- Yes
- No

If yes, did you close it before or after the government legislations?
- Before
- After

How long did it stay closed? [specify the months]

During the emergency, did you organize simulations?
- In situ simulation for
  - training of COVID-19 patient’s care
  - technical skills for COVID-19 patient’s care (Donning and doffing, etc.)
  - creation and testing of COVID-19 patients’ path (triage, screening, etc.)
  - non-technical skills for COVID-19 patient’s care (communication with patient and relatives, decisions on life ending, etc.)
  - other training (trauma, airway management, cardiac arrest, etc.)
  - creation and testing of diagnostic and/or therapeutic path for other patients
Simulation inside the SC for
training of COVID-19 patient’s care
- technical skills for COVID-19 patient’s care (Donning and doffing, etc.)
- creation and testing of COVID-19 patients’ path (triage, screening, etc.)
- non-technical skills for COVID-19 patient’s care (communication with patient and relatives, decisions on life ending, etc.)
- other training (trauma, airway management, cardiac arrest, etc.)
- creation and testing of diagnostic and/or therapeutic path for other patients

Telematic modality for COVID-19 training
- Webinar
- Video Recorded
- Virtual Reality
- Augmented Reality

Telematic modality for other training
- Webinar
- Video Recorded
- Virtual Reality
- Augmented Reality
- None

Did you take in consideration the ERC guidelines [57] to adapt training to COVID-19 pandemic?
- Yes
- No

How were the SC spaces used?
- They have been readapted to real patients’ care areas
- They have been readapted to COVID-19 patients’ care areas
- They have been used for COVID-19 training
- They have been used for other training
- They have been used for mixed training (COVID-19 and other)
- The centre has been closed

The electro-medical devices (such as ventilators, US scanner, etc.) meant for the simulation were used for:
- Real patients
- COVID training
- Other training
- Other [specify]

The furniture (such as beds, stretchers, wheelchairs, etc.) meant for the simulation were used for:
- Real patients
- COVID training
- Other training
- Other [specify]

Did you need to use and/or recruit new staff specifically dedicated to simulations addressed to:
- Health-care staff moved on clinical practice
- Technical staff moved to technical assistance for clinical practice
Psychological staff per COVID-19 pandemic (COVID-related stress, etc.)
COVID training
Other training
No
Other [specify]

**Fourth section: After the COVID-19 pandemic**

*Did the SC reopen?*

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<th>Yes</th>
<th>No</th>
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*When? (specify the month)*

*Have specific measures of infection control and prevention been adopted (social distancing, face masks, classes remodelling, etc.)*

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<tr>
<th>Yes</th>
<th>No</th>
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SC: Simulation Centre; IT: Information Technology; ERC: European Resuscitation Council