

**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:*

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Dedicated only to simulation  
 Used also for clinical purpose

*The devices (such as ventilators, ultrasounds, etc.) meant for the simulation were:*

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Dedicated only to simulation  
 Used also for clinical purpose

*The furniture (such as beds, stretchers, wheelchairs, etc.) meant for the simulation were:*

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Dedicated only to simulation  
 Used also for clinical purpose

*The staff of the SC:*

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Was dedicated only to simulation  
 Had also other roles

*What roles did they have?*

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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?*

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Yes  
 No

### **Third section: During the COVID-19 pandemic**

*Did you close the centre?*

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Yes  
 No

*If yes, did you close it before or after the government legislations?*

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Before  
 After

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

*During the emergency, did you organize simulations?*

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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?*

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- Yes
- No

*How were the SC spaces used?*

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- 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:*

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- Real patients
- COVID training
- Other training
- Other [specify]

*The furniture (such as beds, stretchers, wheelchairs, etc.) meant for the simulation were used for:*

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- Real patients
- COVID training
- Other training
- Other [specify]

*Did you need to use and/or recruit new staff specifically dedicated to simulations addressed to:*

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- 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]

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

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*Did the SC reopen?*

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Yes  
No

*When? {specify the month}*

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

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Yes  
No

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SC: Simulation Centre; IT: Information Technology; ERC: European Resuscitation Council