

# Committee Report 2022

# ESO Simulation Education Committee

# Report of the ESO Committees - Summary

## Simulation Education Committee

- **Barbara Casolla, France (Chair)**
- Bastian Volbers, Germany
- George Wong, Hong Kong
- Jatinder Minhas, UK
- Lina Palaiodimou, Greece
- Raquel Neves, UAE
- Robert Mikulik, Czech Republic
- Simon Jung, Switzerland
- Susanne Yvonne Zuurbier, Belgium

# Report of the ESO Simulation Education Committee

- During the 2022 the Simulation Committee had regular communication by emails, 6 TC, and one face to face meeting at ESOC 2022
- The committee submitted proposals for Simulation Session on stroke management for WSO congress 2022 (not accepted) and ESOC 2023 (accepted)
- The committee worked on the 4 ongoing projects (detailed below)

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## 1) Data collection for state of the art/map of activities on the ongoing simulation trainings on stroke care in Europe

**Aim:** providing a descriptive analysis on simulation training programs on stroke care that are ongoing and analyse the needs to prioritize actions

**Methods:** SURVEY with solid methodology (ongoing discussion)

**Deliverables:** 1-2 communications for scientific purposes

- The project was accepted by ESO EC
- The committee structured the survey, defined the methodology and the timeline for the survey administration (current 2023)
- The committee asked for ethical approval (ongoing)
- The committee started to map ongoing simulation activities in other than stroke neurology settings (neurointerventional radiology, neuroradiology, cardiology, anaesthesia and neurosurgery) and among simulation societies (SSH, SESAM)

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## 2) Implementation of the ESO Simulation Committee activities on ESO initiative involving stroke education (eSTEP, ESO summer and winter schools, Edinburgh Research Workshop)

- Aim: Increasing the visibility of the ESO Committee, developing “virtual” simulation training programs
- Deliverables: Simulation training programs for ESO Members, quality assessment

## 3) Identification and development of targeted simulation training programs.

What are the simulation-sensitive targets on stroke pathways?

- Aim: Identifying “critical” step in the stroke pathways that could benefit of “simulation «trainings
- Deliverables: Developing a core curriculum for simulation trainings on stroke

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Concerning Project 2 and 3:

- The Committee discussed and agreed on creating a “virtual core curriculum for simulation trainings on stroke pathways” – 1<sup>st</sup> focus: Acute stroke management
- A market analysis on costs for virtual reality program costs concluded that 3D virtual reality tools are too expensive (Simulation training societies – for ex. SimForHealth, Niit – 1 scenario costs about 80000 Eur)
- The Committee decided to build an interactive program to be deployed on eSTEP platform with iSpring software (the immersive environment is limited but interaction with the learner is still possible)
- Scenario production is time-consuming, the committee decided to ask EC for building a call for young and talented stroke trainee that could apply for participating in building the scenarios

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## **4) Promotion of ESO simulation committee activities on social platform (ESO blog, Twitter on scientific literature on simulation for acute stroke, etc)**

- An ESO Blog on Simulation Committee activity was published in January 2022
- The Committee started to plan the photo documentation for Simulation Session at ESOC 2023
- The committee collected scientific literature on stroke simulation for future posts