

Rome, November 21 2018

Tree Education Center

10.00 – 16.00

Free entrance by registration at:

<https://www.treecenter.it/events/>

Simulation for Medical Student Education where are we going ?

THE MEDICAL MISTERY ROOM

Massimo Antonelli
Alessandro Barelli
Irina Ban
Rocco Bellantone
Filadelfo Coniglione
Giorgio Conti
Andrea Cortegiani
Antonino Giaratano

Antonio Gulli
Pier Luigi Ingrassia
Theo Walther Jensen
Antonio Lanzone
Flavia Petrini
Oscar Rosekrantz
Luca Tortorolo
Claudio Sandroni



THE TREE CENTER

*Teaching and Research for Education
in Emergency medicine and anesthesia*

Gemelli



Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore

- Dipartimento delle Scienze dell'emergenza, anestesiológicas e della rianimazione
- Istituto di Anestesiologia e Rianimazione
- Scuola di Specializzazione in Anestesia Rianimazione Terapia Intensiva e del dolore

- ✓ Can simulation help to mitigate differences in clinical experiences during medical training ?
- ✓ Is simulation useful for teaching basic science concepts in preclinical medical education ?
- ✓ Are medical teachers competent in simulation based training ?
- ✓ Which learning modalities are better ?
- ✓ What's the medical students' reaction when exposed to high fidelity simulation ?
- ✓ Should current curricula be modified to allocate more simulation experiences ?
- ✓ What's the role of simulation in choosing the post graduate training ?

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Info: *rationale and objectives*

Why this meeting ?

Simulation-based medical education has been proved to be effective and useful because provides learners with both technical and non-technical skill practice in a safe setting. Despite this, medical schools have still major difficulties in developing a simulation curriculum. This is especially challenging when training medical students in high risk disciplines such as resuscitation, airway management, procedural training, trauma, and disaster management. In addition, a few data about students' satisfaction in integrating simulation as a teaching learning strategy in medical education curricula are available. While medical education programs are increasingly adopting simulation in both undergraduate and postgraduate curricula, clear published guidelines on how to prioritize simulation training are not available

Some questions to answer

Can simulation help to mitigate variations in clinical experiences during medical training ?

Is simulation useful for teaching basic science concepts in preclinical medical education ?

Are medical teachers competent in simulation based training ?

Which learning modalities are better ?

What's the medical students' reaction when exposed to high fidelity simulation ?

Should current curricula be modified to allocate more simulation experiences ?

What's the role of simulation in choosing the post graduate training ?

The meeting

The meeting is organised by the Tree Center, the Education and Simulation Center powered by the post-graduate School in Anaesthesia and Intensive Care of the Catholic University School of Medicine, Rome, Italy and by the Institute of Anaesthesiology and Intensive Care of the Catholic University School of Medicine, Rome, Italy. From Italy, (Novara, Padova, Chieti, Palermo, Roma) simulation experts dealing with education of medical students will share experiences, problems and projects. From Europe, Theo Walther Jensen, Research Fellow at the EMS Copenhagen and The Copenhagen Academy for Medical Education and Simulation, will show the Danish data including the Medical Mystery Room



Useful info

- ❖ The meeting will take place at the Tree Education Centre, located at the 4° floor of the Policlinico Universitario Agostino Gemelli, Rome; instruction to get the Centre at: <https://www.treecenter.it/about-us/>
- ❖ Free entrance by on-line registration at: <https://www.treecenter.it/events/>
- ❖ No ECM credits provided
- ❖ Buffet lunch and attendance certificate provided

Faculty list

Massimo Antonelli	Professor of Intensive Care and Anesthesiology , Director of the Department of Emergency, Intensive Care Medicine and Anesthesiology of the Policlinico A. Gemelli University Hospital, Director of the School of Specialty in Anesthesiology and Intensive Care Medicine, President of the European Society of Intensive Care Medicine (ESICM) – Rome, Italy
Alessandro Barelli	Professor of Intensive Care and Anesthesiology, Human factors and simulation expert, Director, Tree Edu Center Policlinico A. Gemelli University Hospital - Rome, Italy
Irina Ban	Simulation Education Coordinator, SimulARTI-unità di simulazione medica avanzata - Padova, Italy
Rocco Bellantone	Professor of Surgery, President, Catholic University School of Medicine – Rome, Italy
Filadelfo Coniglione	Professor of Intensive Care and Anesthesiology, Tor Vergata University – Rome, Italy, Catholic University “Nostra Signora del Buon Consiglio – Tirana, Albania
Giorgio Conti	Professor of Intensive Care and Anesthesiology , Director of the Pediatric Intensive Care of the Policlinico A. Gemelli University Hospital, Director of the Institute of Anesthesiology and Intensive Care - Rome, Italy
Andrea Cortegiani	Department of Biopathology, Medical and Forensic Biotechnologies (DIBIMEF), Section of Anesthesiology, Analgesia, Intensive Care and Emergency, Policlinico “P. Giaccone”, University of Palermo - Palermo, Italy
Antonino Giaratano	Professor of Intensive Care and Anesthesiology, Direttore U.O.C. Anestesia e Rianimazione e Terapia del Dolore A.O.U. Policlinico “P.Giaccone” Azienda Ospedaliera Universitaria Policlinico “P.Giaccone” Vice Presidente SIAARTI – Palermo, Italy,
Antonio Gulli	Intensive Care and Anesthesiology, Human factors and simulation expert, Tec Responsible, Tree Edu Center, Policlinico A. Gemelli University Hospital – Rome, Italy
Pier Luigi Ingrassia	Centro Interdipartimentale di Didattica Innovativa e di Simulazione in Medicina e Professioni Sanitarie”–SIMNOVA, Università del Piemonte Orientale - Novara, Italy
Theo Walther Jensen	Research Fellow at the EMS and The Copenhagen Academy for Medical Education and Simulation – Copenhagen, Denmark
Antonio Lanzone	Professor of Obstetrics and Gynecology, Catholic University School of Medicine – Rome, Italy
Flavia Petrini	Professor of Intensive Care and Anesthesiology, Direttore UOC Anestesia, Rianimazione e Terapia Intensiva Università degli Studi “G. d'Annunzio”, Presidente SIAARTI - Chieti, Italy
Oscar Rosekrantz	Research Fellow, Copenhagen Academy for Medical Education and Simulation, University of Copenhagen, Denmark
Luca Tortorolo	Professor of Intensive Care and Anesthesiology, Pediatrician, Human factors and simulation expert, Policlinico A. Gemelli University Hospital, AMIETIP President - Rome, Italy
Claudio Sandroni	Professor of Intensive Care and Anesthesiology, Policlinico A. Gemelli University Hospital – Rome, Italy

Program

10.00	Welcome greetings	Rocco Bellantone, Antonio Lanzone
10.15	Introduction	Massimo Antonelli, Giorgio Conti, Flavia Petrini
10.30	Simulation for medical students: which abilities must be taught ?	Flavia Petrini
10.50	High fidelity simulation: any slot in medical students curricula ?	Pier Luigi Ingrassia
11.10	Effect of High-Fidelity Simulation on Medical Students' Knowledge about Advanced Life Support	Antonino Giarratano Andrea Cortegiani
11.30	Teaching non technical skills to medical students: are they ready to learn and to apply ?	Luca Tortorolo
11.50	Simulation based training for medical students: do facilitators need specific teaching skills ?	Irina Ban
12.10	Using simulation in medical education in Albania	Filadelfo Coniglione
12.30	Innovation and Entrepreneurship in medical education	Theo Walther Jensen
13.00	Lunch	
14.30	Medical Mystery Room	Oscar Rosekrantz and Tree Center Team
16.00	Feedback, final remarks, end of the day	

