



**neosim** AG is proud to be a partner of the European Society of Pediatric and Neonatal Intensive Care ESPNIC.

**neosim** AG is a Swiss company dedicated to simulation-based training in medicine. The baby lung simulator LuSi and adult lung simulator TestChest® are fully self-contained and compatible with all ventilators and CPAP devices.

LuSi and TestChest create interactive outcome without operator intervention because of the integrated physiological models and autonomous operation. **Visit [www.neosim.ch](http://www.neosim.ch)** for details.

TestChest® is a registered Trade Mark of Organix GmbH, Switzerland.

A grayscale photograph of a baby lung simulator (LuSi) lying in a hospital bed, connected to various medical tubes and monitors. The simulator is a realistic-looking infant with a white diaper and a wristband.

# ESPNIC neosim GRANT

TO ADVANCE QUALITY  
OF CARE USING SIMULATION  
TECHNOLOGY IN CONTINUED  
MEDICAL EDUCATION

The intent of the grant is to provide support for young and talented physicians in their early career in the field of neonatal intensive care with focus on Simulation Based Continued Education (post-graduate). The research activities undertaken shall be with the active contribution of the applicant. The award will be announced at the General Assembly during the Annual Congress.

The shortage of healthcare personnel and the rate of medical errors are two issues which challenge current medical education. If we are to effectively train healthcare staff it seems mandatory to move from a time based to a proficiency or evidence based training system and to maintain and assess competency throughout their careers. This will only be achieved through an education and training revolution and by using all the new technology required to insure proficiency of healthcare staff.

Simulation technology holds the promise to play a key role in this change. Simulation based training in medicine exists for some time, yet its widespread use has been delayed for many reasons. One of them is the difficulty to objectively justify the operating cost of simulation. Investment to create a simulation center is frequently available and proudly published, but funds to operate the simulation center are rarely made available. Indeed, return of investment is difficult to measure yet prerequisite for getting the buy-in of hospital administration. This grant intends to support research to investigate the impact of simulation in healthcare, particularly intensive care.

The grant in the amount of EUR 5'000.– is unrestricted, yet with the purpose outlined above. Preference will be given to research which include the following topics linked to simulation in the field of critical care with the following topics: quality of care, outcome, cost, teaching methods, case review, automation.

Applications shall include the following information:

1. Applicant's CV
2. Project (Max 3 pages)
3. Letter of support from an ESPNIC member
4. Budget



Application form on:  
<http://espnice-online.org/Membership/Funding-Opportunities>

Please send by e-mail to:  
[info@espnice-online.org](mailto:info@espnice-online.org)

Grant will be provided by **neosis** AG,  
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