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Hellenic Foundation for Research & Innovation

Description of the funded research project

2nd Call for H.F.R.I. Research Projects to Support Post-Doctoral Researchers

Title of the research project:
Evaluating a training intervention in Greek Midwifery school graduates for the retention of skills in shoulder dystocia management with the use of high-fidelity simulation: the SAFE (SimulAtion high-FidElity) study

SAFE study

Reader-friendly title: SAFE study

Scientific Area: Social Sciences-Educational Sciences

Host Institution:
School of Health Sciences
Midwifery Department
University of Western Macedonia
Greece

Principal Investigator:
Assistant Professor Dimitrios Papoutsis

Budget: 59.791,00 euros

Duration: 24 months

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Research Project Synopsis

Shoulder dystocia is considered an obstetric emergency at childbirth that can lead to significant neonatal morbidity and mortality. The objective of this research is to evaluate a training intervention in Greek Midwives for the retention of skills in shoulder dystocia management with the use of high-fidelity simulation. There will be a sequence of workshops performed where the participants will be invited to attend. There they will be trained and assessed on the management of shoulder dystocia.

The primary end-point is to estimate the learning decay or retention of the participants' skills over time. Secondary end-points will be to identify potential predictors that are associated with and can possibly increase the retention rate.

Project originality

The originality and innovation that the SAFE study brings is that it seeks to present robust scientific evidence within Greek settings so as to enforce the case of regular and continued training on shoulder dystocia management.

The SAFE study will quantify the beneficial effect of regular local training workshops on shoulder dystocia.

Expected results & Research Project Impact

We anticipate that the training intervention of the SAFE study will result in an overall sustained improvement in performance of skills related to shoulder dystocia management.

The impact of the SAFE study is that the findings will be put forward to the respective authorities so as to incorporate the need for continued training.

The importance of this funding

‘The SAFE study would not have been made possible to conduct without the HFRI funding. It is not only the funding of the research expenses that it has provided. The benefits go well beyond that and encompass the fact that it has provided the opportunity to organise and bring aboard an international advisory team, to forge a network of young scientists and engage key stakeholders, to identify new ideas and shape them into innovative avenues of thoughts…

The impact of the SAFE study well exceeds its primary goals as it intends to change current national practice..’

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