

## **ABSTRACT NOKIAS2016**

### **POSSIBILITIES WITH SIMULATION – IN EDUCATION AND PRACTICE**

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Establishing simulation centers and using simulation as a pedagogical method are increasing in health professions and education. The resources available for this varies, from simple equipment to advanced departments.

Moving to a new campus in 2014, Bergen University College decided to establish simulation facilities for all educations in the Department for Health and Social Work, and SimArena was planned and built.

Simulated learning has the potential to enable both students and clinicians to engage in critical analysis of their own actions, reflect on their skills and clinical decisions. To guide the development, implementation and evaluation of simulation it is important that the educators use a framework that specifies relevant variables and their relationship. Furthermore it is important to be aware the use of different theoretical perspectives on learning, to achieve the learning outcomes.

As an overriding goal using simulation training in health care and education – the aim is to improve patient safety by allowing the participants to enhance individual and team skills before encountering patients.

In simulation laboratories, the students first train on specific skills. Then they apply these skills in scenario training, first in uniprofessional teams and later in interprofessional teams.

Education of the faculty and staff as facilitators (in the pedagogical method of) in simulation is crucial to run the simulation training.

Involving the clinical staff in the process of training the students is the next area we are exploring. What kind of scenarios are necessary to train before encountering patients– the just in time situations or just in case situations?

*How can we prepare together?* This is a question we are asking in our project, running together with our colleagues in the clinical field.

This kind of research is important - running simulation centers requires a lot of resources and it is important to know that our simulation training meets the learning objectives set.