

## The Effects of Normal Vaginal Birth Simulation Training on the Clinical Skills of Midwives

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### Introduction

In the modern era, which is heavily driven by multimedia, traditional ways of teaching medical students are insufficient. Techniques based on simulations might be crucial in closing this educational gap that exists. A curriculum built on the cognitive, psychomotor, and emotional learning domains, which were first introduced about 50-year-ago, is receiving more and more attention in medical education.

Experiential (or "hands-on") learning is becoming more and more popular in medical education, however, using real patients to conduct this type of learning raises ethical and legal issues and is less socially acceptable. With the help of simulation, learning possibilities like immersion, reflection, practice, and feedback can be offered without the hazards associated with a similar real-life experience.

Skilled care at birth can save the lives of women and their babies. Approximately 1000 maternal deaths that occur each day, 800 could be saved if a birth attendant with appropriate skills was present during delivery. In order to prevent these unnecessary deaths, there is an urgent need to train a large number of birth attendants in how to master simple yet lifesaving techniques before, during and after delivery.

Implementing programs to reduce maternal mortality and morbidity due to postpartum hemorrhage (PPH) requires not only guidelines, but also continuous training and evaluation of health care workers at all levels.

### Advantages of simulation education

Effectively manage the cause of maternal death during childbirth:

#### Reduce the blood transfusion rates

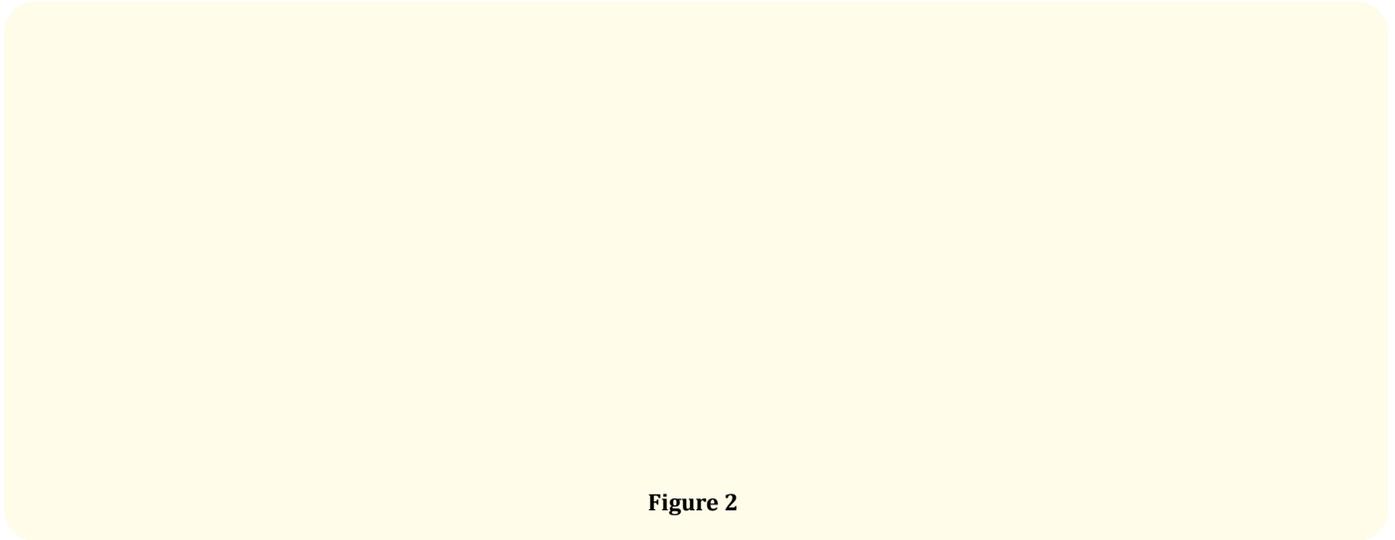
Research shows that training with Simulation to the Midwives (Mama Natalie) leads to a significant reduction in severe postpartum hemorrhage and a reduction in blood transfusion rates after birth.

#### Life saving evaluations

Learn to evaluate the placenta, and identify uterine firmness. Practice performing uterine massage and bimanual compressions. Enable staff to identify critical blood loss and respond according to protocol.

**Figure 1**

### Classification of simulators as per type



### Conclusion

Normal vaginal birth simulation training will increase the skills and knowledge of Midwives to conduct normal vaginal birth in a real environment.