



# IMPROVING THE ANESTHESIA NURSING PROGRAM BY BRIDGING THE BEST OF RESEARCH, THEORY AND CLINICAL EXPERTISE

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# Background

- Bergen University College has evidence based practice as one of the main targets for teaching and research
- In the anesthesia nursing education program which consists of 90 credits, the teachers have applied this method in two different lectures

# Aims

- To teach the students about the best care relevant for use in practice, by integrating research evidence as a natural source of knowledge
- To illuminate the research evidence by evidence-based teaching methods

# Methods

- The evidence-based teaching methods were explicitly implemented in two different topics, peroperative bleeding and basic cardiac resuscitation

# Methods (cont.)

The research evidence was illuminated by the steps:

- Identify areas of uncertainty
- How to ask the right question
- Search for research evidence
- Critical appraisal of the research
- Implementation where appropriate
- Evaluation

# Methods (cont.)

The research evidence was illuminated by the core questions:

- Prevalence
- Causation
- Measurements/Diagnosis
- Outcome
- Prognosis
- Experience

# Results

- Use of different core questions resulted in a diversity of research knowledge which illuminate the topics from different perspectives
- Different core questions resulted in a lot of research in basic cardiac resuscitation and less nursing research related to peroperative bleeding, especially with focus on measurement

# Conclusion

- In these lectures, students experienced the advantages in implementing this method
- The students use research results more often as a natural resource in arguing for various nursing interventions



# Thank you for your attention!

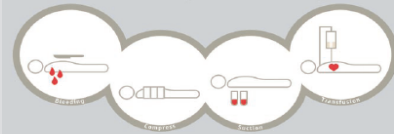
## IMPROVING THE ANESTHESIA NURSING PROGRAM BY BRIDGING THE BEST OF RESEARCH, THEORY AND CLINICAL EXPERTISE

In two different lectures;  
peroperative bleeding and basic cardiac resuscitation

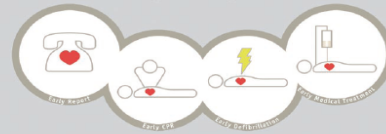


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### Estimate Peroperative Bleeding



### Basic Cardiopulmonary Resuscitation



### Background

The anesthesia nursing program has implanted evidence-based methods in the program.



### Aim

- Teaching students about the best care relevant for use in practice, by integrating research evidence as a natural source of knowledge in clinical skills and assessment ability.
- Illuminating the research evidence using the core questions: prevalence, causation, diagnosis, treatment, prognosis, outcome and experience.

### Methods

The steps of evidence-based teaching were explicitly implemented in two different topics. In these lectures, students experienced to implement this method, especially the use of the seven steps and the core questions.

### Results

- Systematically use of different core questions resulted in a diversity of research knowledge which illuminate the topic from different perspective.
- Use of different core question resulted in very much research in basic cardiac resuscitation, and little nursing research related to per operative bleeding especially with emphasis on the core questions; diagnosis and outcome.

### Implications for practice

- An important issue for good practice is to strengthen and maintain the practical skills in basic cardiac resuscitation and to carry out nursing research related to per operative bleeding.

**Conclusion** • The students use research as a natural resource in arguing for best nursing practice.