Improvement of patient safety in advanced nursing: teamwork, safety culture, and patient involvement

Implementation of shared learning principles and evaluation of the learning outcomes

Guideline for teachers

HYBRID CURRICULUM IN PATIENT SAFETY
Integration of academic master’s education and continuous professional education in Estonia and Norway
The framework of the course (IO 1)

Title: Improvement of patient safety in advanced nursing: teamwork, safety culture, and patient involvement (3 ECTS)

Objectives:
• To deepen the knowledge of the role of human factors and teamwork in the context of patient safety.
• To understand the importance of safety culture in the health care organization.
• To understand the patient’s role in their own safety and to promote the patient involvement in patient safety.

Part 1: Human factors and teamwork (1 ECTS)
Part 2: Safety culture (1 ECTS)
Part 3: Patient involvement in patient safety (1 ECTS)

After the completion of the course the participant:
• is familiar with the concept and meaning of human factors in the context of patient safety;
• understands the roles and responsibilities of each member of healthcare team in the context of patient safety;
• has knowledge and skills to avoid a culture of putting the blame on someone/each other;
• has knowledge about the patient’s role in their own safety and understands the patient role in healthcare team;
• has knowledge and skills about the design and implementation of the safety improvement projects and strategies of patient involvement into their own care and safety.
Shared learning in patient safety

**Students**

Based on the theoretical knowledge the students explain how the situation should be solved theoretically.

**Practitioners**

Based on the practical experience the practitioners explain how the situation is usually solved in practice.

**Case description:**

**Teamwork, safety culture and patient involvement in patient safety**

Task: to provide solution(s) (workshop)

**Tasks for participants**

To share their knowledge:
- **Students:** how to perform the literature search to find newest evidence/what are the newest evidence related to the case.
- **Practitioners:** examples from clinical practice, guidelines and regulations related to the case.

**Supportive materials for participants**

- (Video)lectures (in Estonian/ Norwegian)
- Reading material/ (interactive book) + self-testing of knowledge (in Estonian/ Norwegian)
- Instructions for the seminar/webinar: how to prepare for shared learning

**Shared learning**

Students and practitioners will bring together their knowledge and experience – cumulative knowledge of best possible solutions: building the bridge between theory and practice.

**Discussing** the case from different aspects (theory and practice), presenting the results, sharing the knowledge to each other, learning with and from colleagues.
Teaching and learning process

• Introduction to the topic, questions – course leader (virtual):
  • forming the mixed groups (students and practitioners, 3-5 persons in one group),
  • selection of cases,
  • guidelines for remote learning.

• Preparation for the workshop (5 days):
  • preparing the materials/ presentations for the teaching.

• Workshop (1 day/ 8 hours):
  • Introduction – 0,5 hours
  • Teaching the colleagues and learning from colleagues (shared learning) – 3 hours
  • Discussion the cases – 3 hours
  • Summary and conclusion – 0,5 hours
Teaching and learning materials (IO 2)

• Originally developed case studies (3)
  • case description – includes all course topics
  • guidelines for teachers and students,
  • tasks and guidelines for assessment of the participants’ knowledge

• Learning video (The ISBARR Framework, Scenario 1 & 2)

• Supportive materials  for the teachers
  • Shared learning for intra-professional development and growth (lecture slides by Liisi Mägi)
  • Human factors and teamwork in the context of patient safety. Tools and strategies to improve teamwork (lecture slides by Sissel Eikeland Husebø)
  • Patient involvement in shared learning: patient stories (lecture slides by Ere Uibu)
  • How to create good e-learning material? (lecture slides by Triin Marandi)
  • Experiences with methods for shared learning (lecture slides by Janne Kommusaar & Ere Uibu)
  • (Web-based) assessment of learning outcomes and giving feedback to students (lecture slides by Mari Karm)