



## Program Syllabus Nurse in Surgery Essentials (NISE™)

### Description

This program provides the learner an opportunity to explore the fundamentals of becoming a Perioperative Nurse. Learners in the NISE Program will build upon their nursing foundation to develop sound clinical decisions based upon patient assessments related to specific surgical procedures.

The program consists of 6 structured units, competencies and a final exam. Each learner is required to complete Unit 1 before access to Units 2-6 is granted. Units 2-6 may be completed in any order that is best suited for the individual and facility needs. Also included and required are over 30 competencies written by the CCI Education Department.

NISE Assessment-Based Certificate program is accredited by the Accreditation Board for Specialty Nursing Certification (ABSNC).

### Prerequisites

Must be employed by a facility and work in the operating room.

### Administration

Kimberly Jones MSN-Ed., RN, CNOR, RNFA

NIFA, NISE Program Administrator

Office Hours: Monday – Thursday 8:00am – 4:00 pm, Friday 8:00 am - 3:00 pm MST

### Required Textbooks

- AORN. (2020). Guidelines for perioperative practice. Denver, CO: AORN. Phillip, N. (Ed.).
- Berry and Kohn's operating room technique (13th ed.). St. Louis, MO: Elsevier.
- Rothrock, J.C. (2019). Alexander's care of the patient in surgery (16th ed.). St. Louis, MO: Elsevier.

### Program Objectives

Upon completion of this program the learner will be able to:

- Demonstrate proper surgical attire
- Demonstrate sterile technique including handwashing, gowning, and gloving
- Describe prevention of retained surgical items related to facility policy
- Preoperative preparation of the surgical patient including transfer of care, hand-offs, and diagnostic testing
- Describe the importance of positioning, prepping, and draping related to various surgical procedures and patient safety
- Describe facility policy related to prevention of DVT
- Discuss the importance of environmental cleaning and demonstrate proper room turnover

- Discuss the importance of surgical smoke safety
- Discuss the importance of sharps safety
- Discuss the importance of radiation safety for staff and patients within the perioperative setting
- Describe the differences between disinfection, sterilization, and decontamination
- Identify commonly used surgical instruments, sutures, and staplers within the OR setting
- Identify common surgical medications and demonstrate medication safety
- Demonstrate the proper use of pneumatic tourniquet
- Demonstrate proper ESU safety
- Identify emergency situations in the perioperative setting

### **Content Outline**

- Learning Resources that include key terms, facility Q&A, and preceptor discussions
- Reading assignments from the program textbooks
- Recommended videos related to the unit topics
- Competencies
- Reflective journals assignments
- Quizzes in each unit

### **Unit 1 Objectives**

Upon completion of Unit 1, the learner will be able to:

- Describe how the nursing process plays a role in the perioperative setting
- Describe how legal and regulatory issues impact perioperative nursing
- Demonstrate proper surgical attire
- Demonstrate sterile technique including handwashing, gowning, and gloving
- Describe prevention of retained surgical items related to facility policy

### **Unit 2 Objectives**

Upon completion of Unit 2, the learner will be able to:

- Describe the roles of various perioperative team members
- Preoperative preparation of the surgical patient including transfer of care, hand-offs, and diagnostic testing
- Describe the importance of positioning, prepping, and draping related to various surgical procedures and patient safety
- Describe facility policy related to prevention of DVT

### **Unit 3 Objectives**

Upon completion of Unit 3, the learner will be able to:

- Discuss the importance of environmental cleaning and demonstrate proper room turnover
- Discuss the importance of surgical smoke safety
- Discuss the importance of sharps safety
- Discuss the importance of radiation safety for staff and patients within the perioperative setting

### **Unit 4 Objectives**

Upon completion of Unit 4, the learner will be able to:

- Describe the differences between disinfection, sterilization, and decontamination
- Identify commonly used surgical instruments, sutures, and staplers within the OR setting
- Discuss the importance of Infection prevention

## **Unit 5 Objectives**

Upon completion of Unit 5, the learner will be able to:

- Identify common surgical medications and demonstrate medication safety
- Describe the differences between general, local, and moderate anesthesia
- Identify specialized surgical equipment including lasers, pneumatic tourniquets, and electrosurgical units
- Demonstrate the proper use of pneumatic tourniquet
- Demonstrate proper ESU safety

## **Unit 6 Objectives**

Upon completion of Unit 6, the learner will be able to:

- Discuss different wound care, drains, and dressings used in the perioperative setting
- Describe potential postoperative complications
- Discuss methods for pain management
- Identify emergency situations in the perioperative setting

## **Final Exam**

The final exam consists of 200 comprehensive questions and must be proctored. Learners are given two (2) attempts to successfully pass the exam.

## **Grading Scale**

Quizzes and Final Exam

A = 92 – 100

B = 85 – 91

F = 84 and below

Reflective Journal and Competencies

Received/Required

## **Clinical Information**

Facility will provide and assign a preceptor to guide and instruct the learner on facility specific policies and processes.

## **Class Participation**

All learners are responsible for assigned material related to the program. It is expected that the learner completes the reading and video assignments in addition to the required assignments. Learners are expected to spend adequate time with the Preop Department, PACU, Sterile Processing, and Environmental Services to enhance their understanding of perioperative nursing.

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