



BSc in Nursing

INTEGRATED COURSE TITLE: PROFESSIONAL LABORATORY

NUMBER OF ECTS CREDITS: 1

CODE: MEDS-24/C

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PREREQUISITES

No specific prerequisites are required.

LEARNING OBJECTIVES

The objective of Professional Laboratory is to provide students with knowledge about venous accesses, especially central venous accesses, and to provide the skills necessary to manage them safely and effectively. This includes a thorough understanding of the infer-mier responsibilities related to venous access management and care, including international guidelines for proper venous access management.

LEARNING OUTCOMES

Knowledge and Understanding

- At the end of the professional laboratory, the student will be able to:
- Understand the role and responsibilities of the nurse in the management of central and peripheral venous accesses.
- Have a thorough knowledge of the different types of existing venous catheters.
- Have a clear understanding of the differences between the various medical devices in order to use them correctly and safely for the patient.
- Have a detailed knowledge of how to manage and care for different venous accesses
- Understand the specific indications for the use of different venous accesses and the risks that can result from using them correctly or managing them incorrectly

Applying knowledge and understanding

At the end of the professional laboratory, the student will be able to:

- Apply how to manage different venous accesses according to different characteristics
- Use acquired knowledge to determine correct use of infusion devices.
- Apply understanding of the risks that can result from mismanagement of ve-nose accesses in accordance with international guidelines.

Communication skills

The student will have to orally present the core topics in an organized and coherent manner, using specific scientific language that is appropriate and relevant to the topic of discussion.

Making judgements

At the end of the professional laboratory, the student will be required to:

- Use independent judgment to assess the condition of the venous access prior to drug administration, considering all factors related to the device and the patient
- Use independent judgment to manage venous accesses especially during medication
- Use the autonomy of judgment to identify potential risks or complications related to the use of venous accesses and take appropriate preventive measures to mitigate these risks, such as monitoring vital signs or monitoring blood levels, checking for signs of infection.

Learning skills

The student will have acquired learning skills and methods appropriate for the deepening and improvement of his or her skills in the field of venous access, including through consultation of scientific literature. In addition, the student will assume a professional behavior: active attitude, continuous commitment, reflective approach oriented to self-learning, accepting indications of improvement in the achievement of the expected goals.

COURSE SYLLABUS

- Nursing responsibility in the management of central and peripheral venous accesses
- The solutions and dilutions that can be injected into different venous accesses
- Methods of dressing and management of venous accesses

COURSE STRUCTURE

The Nursing Degree Course provides a total of 1 university training credit (CFU). One CFU corresponds to 30 hours, therefore the total number of internship hours in the first year of the course is 30 hours.

Attendance at the professional laboratory is mandatory for all students enrolled in the Nursing Degree Course.

ASSESSMENT CRITERIA

The Laboratory Professional 2 exam consists of an oral examination, the score of which constitutes an integral part of the overall assessment of the course. All the content outlined in the teaching programs will be evaluated. The assessment will cover the student's knowledge and understanding, their ability to apply knowledge and understanding, judgment autonomy, and communication skills, each contributing respectively to 30%, 30%, 30%, and 10% of the final score. The final grade will be assigned collectively by the Committee.

The evaluation criteria will include acquired knowledge, judgment autonomy, communication skills, and learning ability. The final oral examination will be assessed according to the following criteria:

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| fail | The candidate possesses an inadequate knowledge of the topic, makes significant errors in applying theoretical concepts, and shows weak presentation skills. |
| pass | The candidate possesses an adequate knowledge of the topic, good presentation skills and ability to apply theoretical concepts. |

OPTIONAL ACTIVITIES

Students will have the opportunity to engage in theoretical and practical exercises.

RECOMMENDED READING

- Materials and handouts provided by the lecturer