Speciality "General Medicine"

ACADEMIC DISCIPLINE "MEDICAL CARE AND MANIPULATION TECHNIQUES"
MEDICAL CARE MODULE

Academic discipline outline	Scientific knowledge on medical care of patients, techniques for performing nursing therapeutic and diagnostic procedures, and the implementation of sanitary-hygienic and sanitary-anti-epidemic measures.
Resulting skills	Basic professional competence for solving problems of professional activity in medical care of patients, performing nursing procedures, and fulfilling sanitary and anti-epidemic requirements for healthcare organizations.
Learning outcomes	A student must **know:** rules of medical ethics and deontology; rules and methods of general and differentiated medical care for patients; contraindications to nursing therapeutic manipulations and possible complications; rules and methods of performing nursing therapeutic manipulations; rules and methods of parenteral drug administration, including the use of peripheral venous catheters; rules and methods of blood collection using syringes and vacuum systems for biochemical and other types of tests; rules for storing medications; classification, rules for collection, packaging, and labeling of medical waste; means used for pre-sterilization cleaning of reusable medical devices; purpose and methods of sterilization of reusable medical devices, quality control of sterilization; **be able to:** perform general and differentiated medical care for patients; perform nursing therapeutic manipulations; identify contraindications to nursing therapeutic manipulations and complications arising during their performance; administer drugs parenterally, including using a peripheral venous catheter; administer drugs through drains and micro-irrigators; collect blood using syringes and vacuum systems for

	biochemical and other types of tests; ensure proper storage conditions for medications; collect, package, and label medical waste; perform pre-sterilization cleaning of reusable medical devices; perform quality control of pre-sterilization cleaning of reusable medical devices; package dressing materials and other reusable medical devices for sterilization; load dressing materials and other reusable medical devices for sterilization; perform quality control of sterilization of reusable medical devices; **master:** techniques for performing nursing therapeutic manipulations; techniques for parenteral drug administration; techniques for inserting, caring for, and removing peripheral venous catheters; techniques for blood sampling for biochemical and other types of tests.
Semester(s)	3, 4 semesters
Prerequisite	Normal anatomy Histology, cytology, embryology Normal physiology Biomedical ethics First aid
Credit value	4 credits
Academic hours	216 academic hours, of which: 136 class hours
Forms of midterm attestation	Credit Examination