



Course Code NURS-220	Course Title Perspectives of Secondary Care - Surgical (Provision and Management of Care)	ECTS Credits 9
Prerequisites NURS-210; NURS-216	Department Life & Health Sciences	Semester Spring
Type of Course Required	Field Nursing	Language of Instruction English
Level of Course 1 st Cycle	Lecturer(s) Mr Evangelos Latzourakis	Year of Study 2 nd
Mode of Delivery Face-to-face	Work Placement Acute and Critical Care	Co-requisites BIOL-240

Objectives of the Course:

The main objectives of the course are to:

- To provide focus on the nursing care of patients of all ages who are undergoing planned or emergency surgery either general or specialist.
- Provide information, at foundation level, on anaesthesia. This will enable the development of skills relating to assessment, development and implementation of nursing care.
- These skills will be used in all areas of critical and acute care

Learning Outcomes:

After completion of the course students are expected to be able to:

- have the knowledge, skills and attitudes to undertake nursing assessment and diagnosis for patients requiring acute care
- have the theoretical knowledge and clinical skills to care for patients undergoing different types of surgical procedures e.g. general, gynaecological, orthopaedic, E.N.T, thoracic, neurosurgical, and ophthalmic surgery
- examine the surgical principles underpinning the various types of surgery.
- document information clearly and accurately
- maintain the rights of individuals and groups in acute health care settings
- assess clients / patients and make nursing diagnoses
- explain the difference between a problem and a need
- explain the difference between a nursing diagnosis and a medical diagnosis
- explore the bio/psycho/social principles underpinning clients' / patients' assessment, identified problems and management in acute care

- maintain confidentiality of information gained in practice
- demonstrate appropriate communication skills with patients / carers, carers and health care staff in the acute setting
- utilize a range of resources to inform evidence based practice
- explore the principles of autonomy and patient's rights in relation to informed consent

Course Contents:

- Principles of acute care
- Patho-physiology of the most common diseases and the required surgical interventions.
- Principles of Surgery e.g. general, gynaecological, ENT, cardiac, thoracic, neurosurgical, laparoscopic surgery, colorectal, plastic, maxillofacial, endocrine (thyroidectomy, parathyroidectomy), renal and genito-urinary ect.
- Principles of nursing care for patients undergoing general and major specialist surgery – Thoracic, Cardiac, Neurosurgery, Colorectal, Maxillofacial, ENT, orthopaedic, genitor-urinary, renal and endocrine (thyroidectomy, parathyroidectomy) etc
- Wound healing process and wound care including different types of drains
- Perioperative assessment and care planning, using a framework of care (integrated care pathways)
- Legal and ethical aspects of informed consent.
- The role of the nurse in acute and critical care settings.
- Fluid and electrolyte balance, acid-base balance, homeostasis
- Principles of asepsis and infection control.
- Principles of general, regional and local anaesthesia.
- Principles of analgesia including PCA.
- Drugs and agents used for pain management
- Preparation for surgery, preoperative fasting and its implications for the patient
- Care of patient in the OR

Post operative complications e.g., clinical shock, haemorrhage, infection, DVT, PE, anaesthetic complications e.g. aspiration of gastric contents, anaphylaxis and anaphylactic shock, cardiac arrest, other complications due to pre-existing systematic disease e.g. diabetes, cardiac disease, COPD etc.

Learning Activities and Teaching Methods:

Lectures, skills demonstrations, personal tutorials, Evidenced-based learning, laboratory exercises, assignments, student conferencing

Assessment Methods:

Laboratory Practical Sessions, Tests, Final Examination

Required Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Nursing Adults: The Practice of Caring	Chris Brooker and Maggie Nicol	Mosby; 1 st edition	2003	0723431574
Foundations of Nursing Practice: Making the Difference	Richard Hogston and Penelope M. Simpson	Palgrave Macmillan; 2 nd edition	2002	0333985923

Recomended Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Essential Nursing Skills.	Nicol, M. et al	St. Louis: Mosby	2004	0723433070
Study Guide to Accompany Fundamental Skills and Concepts in Patient Care	Barbara R. Timby, Barbara R. Stright	Lippincott Williams & Wilkins Publishers; 7 th edition	2001	0781723175