

## NURSING DIAGNOSIS AND THERAPEUTIC APPROACH IN CARDIOVASCULAR DISEASES

### LEARNING OUTCOMES

#### KNOWLEDGE

- ACQUISITION OF PHYSICAL AND FUNCTIONAL CHARACTERISTICS OF A HEALTHY PATIENT TO DISTINGUISH HIM FROM THE SICK ONE
- KNOWLEDGE TO PERFORM AN APPROPRIATE CLINICAL EXAMINATION
- KNOWLEDGE OF THE EMERGENCY PATHOLOGIES OF PATIENTS WITH CARDIOVASCULAR DISORDERS
- PROVIDING THE SPECIFIC NURSING CARE FOR ALL TYPE OF PATHOLOGIES FOR PATIENTS WITH CARDIOVASCULAR DISORDERS
- LEARNING THE PREOPERATIVE PREPARATION METHODS SPECIFIC TO EACH CONDITION.
- UNDERSTANDING THE NATURAL COURSE AND POSSIBLE POSTOPERATIVE COMPLICATIONS.
- ACQUIRING NURSING METHODS, SPECIFIC CARE, APPLICATION OF REBALANCING TREATMENT AND POSTOPERATIVE SUPPORT UNTIL DISCHARGE

#### SKILLS

- PERFORMING BASIC AND ADVANCED DIAGNOSTIC AND THERAPEUTIC MANEUVERS IN PATIENS WITH CARDIOVASCULAR DISEASES
- FORMULATING A POSITIVE DIAGNOSIS IN CARDIOVASCULAR DISEASES
- DEVELOPING AND IMPLEMENTING APPROPRIATE TREATMENT PLANS FOR THE IDENTIFIED DISEASES.
- THE CORRECT ASSESSMENT OF THE RISKS OF DISEASE OR THE CONTEXT OF THE OCCURRENCE OF AN INDIVIDUAL / COLLECTIVE DISEASE, FOLLOWED BY THE SELECTION AND APPLICATION OF APPROPRIATE PREVENTIVE MEASURES.
- PRESENTATION OF A CLINICAL CASE IN CARDIOVASCULAR DISEASES

#### COMPETENCES

- FULFILLMENT IN TERMS OF EFFICIENCY AND EFFECTIVENESS OF THE DUTIES IMPOSED BY CERTAIN PROFESSIONAL ROLES.
- ACQUISITION OF ORAL AND WRITTEN COMMUNICATION SKILLS WITH PATIENTS
- THE COORDINATED DEVELOPMENT OF PROJECTS TO SOLVE PARTICULAR PROBLEMS IN THE SURGICAL FIELD, WITH THE CORRECT ASSESSMENT OF THE WORKLOAD, AVAILABLE RESOURCES, TIME REQUIRED FOR COMPLETION AND RISKS, THE APPLICATION OF PROFESSIONAL AND ETHICAL RULES IN THIS FIELD, AS WELL AS SAFETY AND HEALTH AT WORK
- APPLYING THE PRINCIPLES OF ETHICS AND PROFESSIONAL ETHICS IN THE FIELD

### ECTS CREDITS

4 ECTS

<i>Theoretical courses</i>	<i>Teaching Methodology</i>	<i>Number of hours</i>
Asepsis and antisepsis	Oral presentation + multimedia, E-learning. Online platform	4



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The assistant-patient and assistant-doctor relationship	Oral presentation + multimedia, E-learning. Online platform	4
Preoperative preparation of the cardiac patient	Oral presentation + multimedia, E-learning. Online platform	4
Intra- and peri-operative monitoring of the cardiac patient	Oral presentation + multimedia, E-learning. Online platform	4
Caring for the patient with heart disease	Oral presentation + multimedia, E-learning. Online platform	4
Interpretation and management of cardiac arrhythmias. Cardio-respiratory arrest.	Oral presentation + multimedia, E-learning. Online platform	4
Care of the critically ill patient with various organic ne	Oral presentation + multimedia, E-learning. Online platform	4

<b>Practical activities</b>	<b>Teaching Methodology</b>	<b>Number of hours</b>
Organization of the surgical service	Practical demonstrations. Virtual laboratory	6
Asepsis. Antisepsis. Dressing sterile equipment	Practical demonstrations, practical manoeuvres characteristics for cardiovascular diseases. Virtual laboratory	6
Surgical instruments - the nurse's role in the operating room	Practical demonstrations, practical manoeuvres characteristics for cardiovascular diseases. Virtual laboratory	6
Peripheral and central venous access. Central venous pressure	Practical demonstrations, practical manoeuvres characteristics for cardiovascular diseases. Virtual laboratory	6
Drug administration: enteral and parenteral	Practical demonstrations, practical manoeuvres characteristics for cardiovascular diseases. Virtual laboratory	6
Setting up a perfusion. Use of the injectomat.	Practical demonstrations, practical manoeuvres characteristics for cardiovascular diseases. Virtual laboratory	6
Performing EKG. Pulse oximetry. Blood pressure measurement.	Practical demonstrations, practical manoeuvres characteristics for cardiovascular diseases. Virtual	6



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	laboratory	
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<b>References</b>
<ol style="list-style-type: none"> <li>1. AACN. Essentials of Critical Care Nursing, Suzanne M. Burns, Third Edition</li> <li>2. Lewiss's Medical-Surgical Nursing. Assessment and Management of Clinical Problems, Eleventh Edition, Harding Kwong Roberts Hagler Reinisch</li> <li>3. Kumar and Clark's Clinical Medicine, Elsevier publishing house, 10th edition, July 2020</li> <li>4. <a href="https://www.escardio.org/Guidelines">https://www.escardio.org/Guidelines</a></li> </ol>

<b>Evaluation</b>	
<i>Course activities – percent of the final grade - 50%</i>	<i>Practical activities – percent of the final grade - 50%</i>
<i>Final mark</i>	

<b>Training Methods</b>
<ul style="list-style-type: none"> <li>- Lectures</li> <li>- Independent Study</li> <li>- Clinical stages</li> </ul>
<b>Innovative Digital Training Methods</b>
<ul style="list-style-type: none"> <li>- Virtual laboratory</li> <li>- Online platform</li> <li>- E-learning</li> </ul>

