

CRITICAL CARE NURSING IN INTERNAL DISEASES

LEARNING OUTCOMES

KNOWLEDGE

- ACQUIRING MAIN DISEASE-SPECIFIC DIAGNOSTIC AND THERAPEUTIC ASPECTS CONTAINED IN THE ANALYTIC SYLLABUS
- ACQUIRING KNOWLEDGE FOR DIAGNOSIS AND SPECIFIC TREATMENT GUIDANCE IN MAJOR DISEASES STUDIED
- ACQUISITION OF PHYSICAL AND FUNCTIONAL CHARACTERISTICS OF A HEALTHY PATIENT TO DISTINGUISH HIM FROM THE SICK ONE
- KNOWLEDGE TO PERFORM AN APPROPRIATE CLINICAL EXAMINATION

SKILLS

- FORMULATION OF HYPOTHESES AND INTERPRET THE SIGNS, CLINICAL SYMPTOMS AND LABORATORY CHANGES TO DEVELOP PRESUMPTIVE DIAGNOSIS
- USE CONCEPTS OF THERAPEUTIC RESOURCES TO FORMULATE TREATMENT PLAN AND CORRECT INTERPRETATION, EVOLVING CLINICAL DATA AND PARACLINICAL DATA
- USE PRINCIPLES, SPECIFIC RESEARCH METHODOLOGY FOR CORRECT INTERPRETATION OF PHENOMENA LINKED TO HEALTH, TO DO THE DIAGNOSIS, DEVELOPMENT AND PROGNOSIS, PREVENTION AND THERAPEUTIC MEDICAL AND SURGICAL CASES
- APPLICATION OF METHODS, TECHNIQUES AND CLINICAL KNOWLEDGE ACQUIRED TO BE INTEGRATED WITH LABORATORY DATA FOR POSITIVE DIAGNOSIS, DIFFERENTIAL DIAGNOSIS AND DISEASE
- IMPLEMENT THE TREATMENT PLAN ESTABLISHED IN ACCORDANCE WITH THE CURRENT STATE OF THE DISEASE AND ITS ADAPTATION TO INDIVIDUAL PATIENT CHARACTERISTICS
- IMPLEMENT APPROPRIATE PREVENTIVE MEASURES TO PREVENT ILLNESS AND RECOVERY REBALANCING OF THE CONSEQUENCES OF DISEASES ALREADY STARTED

COMPETENCES

- DESIGN. LAYOUT AND SUPPORT IN AN INTERNATIONAL LANGUAGE OF SPECIALIZED WORKS ON A CURRENT TOPIC IN THE FIELD, USING DIFFERENT INFORMATION SOURCES AND TOOLS
- ACQUISITION OF ORAL AND WRITTEN COMMUNICATION SKILLS WITH PATIENTS
- ACHIEVING A WORK/PROJECT PERFORMING SPECIFIC TASKS RESPONSIBLY ROLE IN A MULTIDISCIPLINARY TEAM
- APPLYING THE PRINCIPLES OF ETHICS AND PROFESSIONAL ETHICS IN THE FIELD

ECTS CREDITS

2 ECTS

<i>Theoretical courses</i>	<i>Teaching Methodology</i>	<i>Number of hours</i>
Critical care nursing in the cardiovascular pathology: Causes of Chest Pain, Myocardial Infarction and angina, Congestive Heart Failure, Peripheral arterial disease, Deep vein thrombosis	Oral presentation + multimedia, E-learning. Online platform	4



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Critical care nursing in the Gastrointestinal and Liver pathology: Acute and chronic diarrhea, Ascites, Diseases of the biliary tract, Peptic ulcer disease	Oral presentation + multimedia, E-learning. Online platform	4
Critical care nursing in the Endocrinology and Metabolism pathology: Diabetes mellitus, Hyperlipidemia and hypercholesterolemia, Osteoporosis, Renal causes of Hypertension	Oral presentation + multimedia, E-learning. Online platform	4
Critical care nursing in the Hematological and oncological pathology: Causes of anemia, Abnormal peripheral blood results, Cancer pathogenesis, evaluation and treatment options of more common cancers	Oral presentation + multimedia, E-learning. Online platform	4
Critical care nursing in the Pulmonary pathology: Shortness of breath, Asthma, Pulmonary fibrosis, COPD	Oral presentation + multimedia, E-learning. Online platform	4
Critical care nursing in the Renal pathology: Acute and chronic renal failure, Electrolyte disorders, Nephrotic syndrome, UTI and pyelonephritis	Oral presentation + multimedia, E-learning. Online platform	4
Critical care nursing in the Rheumatology and musculoskeletal pathology: Rheumatoid arthritis, Gout, Systemic lupus erythematosus	Oral presentation + multimedia, E-learning. Online platform	4

Practical activities	Teaching Methodology	Number of hours
Nursing and performing critical care characteristic maneuvers in cardiovascular system diseases: Cardiac valve disease, Pericardial disease	Practical demonstrations, practical critical care manoeuvres characteristics for cardiovascular system diseases. Virtual laboratory	6
Nursing and performing critical care characteristic maneuvers in gastrointestinal and liver disease: Ascites, Acute and chronic diarrhea	Practical demonstrations, practical critical care manoeuvres characteristics for gastrointestinal and liver diseases. Virtual laboratory	6
Nursing and performing critical care characteristic maneuvers in metabolic and endocrinological disorders: Diabetes mellitus, Disorders of calcium and vitamin D metabolism	Practical demonstrations, practical critical care manoeuvres characteristics for metabolic and endocrinological disorders. Virtual laboratory	6
Nursing and performing critical care characteristic maneuvers in hematological and oncological disorders: Anemia, Coagulation disease	Practical demonstrations, practical critical care manoeuvres characteristics for hematological and oncological disorders. Virtual laboratory	6



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Nursing and performing critical care characteristic maneuvers in pulmonary disease: Asthma, Chronic lung disease	Practical demonstrations, practical critical care manoeuvres characteristics for pulmonary diseases. Virtual laboratory	6
Nursing and performing critical care characteristic maneuvers in renal disease: Acute and chronic renal failure, Electrolyte disorders	Practical demonstrations, practical critical care manoeuvres characteristics for renal diseases. Virtual laboratory	6
Nursing and performing critical care characteristic maneuvers in rheumatological and musculoskeletal disease: Pleural effusions, Sleep disorders, Rheumatoid arthritis	Practical demonstrations, practical critical care manoeuvres characteristics for rheumatological and musculoskeletal diseases. Virtual laboratory	6

References

1. Harrison's Principles of Internal Medicine, 20th Edition, J. Larry Jameson, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, Dan L. Longo, Joseph Loscalzo, McGraw and Hill edition.
2. Marino PL: The ICU Book, 4th ed., Lippincott Williams Wilkins, 2014
3. Kumar and Clark's Clinical Medicine 10th Edition. Adam Feather David Randall Mona Waterhouse. ElsevierPress

Evaluation

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

Training Methods

- Lectures
- Independent Study
- Clinical stages

Innovative Digital Training Methods

- Virtual laboratory
- Online platform
- E-learning

