



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"		
ACADEMIC YEAR	2016/2017		
BACHELOR'S DEGREE (BSC)	NURSING		
INTEGRATED COURSE	CARDIOLOGY AND CARDIOVASCULAR RESUSCITATION - INTEGRATED COURSE		
CODE	15888		
MODULES	Yes		
NUMBER OF MODULES	2		
SCIENTIFIC SECTOR(S)	MED/11, MED/41		
HEAD PROFESSOR(S)	CORRADO EGLE	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	CORRADO EGLE	Professore Associato	Univ. di PALERMO
	GREGORETTI CESARE	Professore Associato	Univ. di PALERMO
CREDITS	6		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>CORRADO EGLE Thursday 12:00 14:00 U.O.C di Cardiologia</p> <p>GREGORETTI CESARE Tuesday 14:30 16:30 Istituto di Anestesia e Rianimazione del Policlinico "P. Giaccone" di Palermo, I pianoE' gradita mail per appuntamento</p>		

DOCENTE: Prof.ssa EGLE CORRADO

PREREQUISITES	Concepts of anatomy and physiology of the heart and vascular system (arteries and veins). Haemodynamic's elementary principles. Notions of cardiovascular semeiotics (main subjective symptoms and objective signs of cardiovascular diseases).
LEARNING OUTCOMES	<p>Knowledge and Ability to comprehension</p> <ul style="list-style-type: none">- Acquire the basics of specialized disciplines of the Integrated Course and the ability to use a specific language of these disciplines.- Develop the students' critical thinking strategies, problem solving and decision making, and an attention to the "experience of illness" of the person, introducing him to the knowledge, the comprehension and the use of a specific science for the benefit especially of the users, but also of the profession which is based on all that.- Ability to apply knowledge and comprehension.- Ability to recognize the most common cardiovascular disease and major emergencies requiring a resuscitation intervention; ability to organize autonomously the specific nursing interventions.- Ability to give adequate nursing response to patient's needs in relation to cardiovascular disease and the resuscitation emergencies.- Autonomous assessment (Judgment's autonomy). Being able to assess the medical and nursing implications related to cardiovascular diseases and the resuscitation emergencies. <p>Communication skills</p> <ul style="list-style-type: none">- Ability to expose to the medical staff, the patient and family members who require the actual importance and prognosis of cardiovascular disease or specific emergency resuscitation.- Ability to describe and discuss the clinical cases and nursing records. <p>Learning ability</p> <ul style="list-style-type: none">- Ability to update their knowledge about cardiovascular diseases and resuscitation emergencies and related nursing, consulting the scientific publications of these sectors, including through the use of the internet network.- Ability to perform, using the specific knowledge acquired during the course, both master of 1st and 2nd level, advanced courses and specialized seminars.
ASSESSMENT METHODS	Oral exam consists of an interview about the topics listed in this schedule. The exam is mainly focused to check of the acquired knowledge and their exposure mode.
TEACHING METHODS	Teaching: lectures, practical training on the ward

**MODULE
ANAESTHESIOLOGY**

Prof. CESARE GREGORETTI

SUGGESTED BIBLIOGRAPHY

Anestesia Generale e Speciale (Ezio Romano- Ed. UTET)
Il Malato Critico (Ezio Romano- Ed. UTET)

AMBIT	10305-Primo soccorso
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INDIVIDUAL STUDY (Hrs)	45
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COURSE ACTIVITY (Hrs)	30
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EDUCATIONAL OBJECTIVES OF THE MODULE

Giving students the opportunity to be able to evaluate the main anesthetic and resuscitative approaches and the main emergency medical conditions , while simultaneously gaining knowledge , practical skills and attitudes appropriate to the nursing healthcare management

SYLLABUS

Hrs	Frontal teaching
2	Invasive and Non Invasive monitoring in critical area
2	Intravenous and inhaled Generale Anesthesia
2	Regional Anesthesia
4	Cardiac Arrest and ILS (Intermediate Life Support)
4	Primary and secondary survey of trauma patients
2	Coma and neuro-critical care
2	Emergency in major burn, drowning, frostbite and electrocution
2	Shock Syndrome
2	Sepsis and Septic shock
2	Hypoxemic and Hypercapnic Respiratory Failure
4	Principles and Practice of invasive and non-invasive ventilation
2	Nursing in acute and chronic pain

**MODULE
CARDIOVASCULAR SYSTEM DISEASES**

Prof.ssa EGLE CORRADO

SUGGESTED BIBLIOGRAPHY

Rugarli C. Medicina Interna Sistemica
Malattie del cuore e dei vasi Mc Grawll Hill

AMBIT	10313-Interdisciplinari e cliniche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Objective of the module and the description of some epidemiological, pathogenetic, and clinical-prognostic of cardiovascular diseases . Completing the module description and application of the main instrumental diagnostic methods used in practice cardiology and angiology (ECG, echocardiogram, Echocolor Doppler , dynamic ECG , exercise stress tests) with particular reference to those carried out directly by the nurse and the knowledge of the mode of some invasive instrumental techniques (coronary angiography) or emergency (defibrillation).

SYLLABUS

Hrs	Frontal teaching
2	anatomy and physiology of the heart and vascular system. elementary principles of . Notions of hemodynamic.
4	Electrocardiography: basic principles and practical applications.
2	Arrhythmias and their classification. Concept of ECG Holter.
4	Echocardiography, Doppler ultrasound of TSA and peripheral vascular . The stress ECG. The nurses in the diagnostic cardiovascular laboratories : assistance to the tests and interpreting of the basic principles. Invasive diagnostic imaging concepts: arteriography, coronary angiography and nursing care.
4	ischemic heart disease: definition, epidemiology, risk factors, pathogenesis, classification, pathology factors, clinical, principles of diagnosis and therapy. Monitoring and nursing management of acute and chronic ischemic heart disease.
2	Deep venous thrombosis and pulmonary embolism
2	Rheumatic valvular heart disease: definition, epidemiology, etiology, pathophysiology, classification, pathology, clinic, principles of diagnosis and therapy.
2	hypertensive heart disease and heart failure. Monitoring and nursing management of heart failure.
2	Atherosclerosis, risk factor
2	patient nursing management
2	patient nursing management in electrophysiology
2	patient nursing management in hemodynamic