



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"		
ACADEMIC YEAR	2019/2020		
BACHELOR'S DEGREE (BSC)	DIETISTICS		
INTEGRATED COURSE	MEDICAL AND SURGICAL SCIENCES - INTEGRATED COURSE		
CODE	08544		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/11, MED/09, MED/18		
HEAD PROFESSOR(S)	PANTUSO GIANNI	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	NOVO GIUSEPPINA	Professore Associato	Univ. di PALERMO
	PANTUSO GIANNI	Professore Ordinario	Univ. di PALERMO
	TUTTOLOMONDO ANTONINO	Professore Ordinario	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS	05209 - MICROBIOLOGY AND GENERAL PATHOLOGY - INTEGRATED COURSE		
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>NOVO GIUSEPPINA Monday 11:00 13:00 Il ricevimento verterà svolto previo appuntamento in data ed orario da concordare presso il Reparto di Cardiologia. AOUP- Palermo o Cefpas di CL.</p> <p>PANTUSO GIANNI Monday 13:00 13:45 studio del Dipartimento di Oncologia</p> <p>TUTTOLOMONDO ANTONINO Friday 11:00 12:00 ex istituto di Clinica Medica, Piazza delle Cliniche n. 2, secondo piano(per informazioni rivolgersi al punto giallo in portineria)</p>		

DOCENTE: Prof. GIANNI PANTUSO

PREREQUISITES	Notions of general surgery, anatomy, physiology and pathophysiology
LEARNING OUTCOMES	At the end of the course the student will: -know the theoretical principles of the clinical method and of evidence-based medicine - know properly how to perform a complete medical history, which also includes the social context in which the patient lives - know how to deal with the patient in the most varied environmental conditions, both elective and urgent - know how to perform a correct and complete physical examination of the patient, including both the general and systemic aspects and organs and systems -be able to approach patients who have the following signs and syndromes: digestive haemorrhage , acute abdominal pain, chest pain, jaundice, dyspnea, abnormal urination, urination and hive - know how to detect and interpret critically the main symptoms and signs, and identify the most correct and appropriate clinical diagnostic and instrumental path
ASSESSMENT METHODS	http://www.unipa.it/scuole/dimedicinaechirurgia/.content/documenti/Tabella-Valutazione-Inglese.pdf Oral exam
TEACHING METHODS	Frontal lessons

MODULE INTERNAL MEDICINE

Prof. ANTONINO TUTTOLOMONDO

SUGGESTED BIBLIOGRAPHY

Claudio Rugarli, Medicina Interna Sistemica

AMBIT	10347-Scienze della dietistica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Pathophysiology, clinic and therapy of the main diseases of international interest, with particular attention to the pathologies of the cardiovascular and gastrointestinal organs that can have greater relationships both from the epidemiological and pathogenic point of view with the lifestyle and with the diet

SYLLABUS

Hrs	Frontal teaching
2	atherosclerosis, epidemiology and pathogenesis
2	Coronary Artery Disease (CAD) : epidemiology and clinics
2	Coronary Artery Disease: prevention and therapy
2	Heart failure: epidemiology and clinics
2	Heart failure: therapy
2	Hypertension: epidemiology and pathophysiology
2	Diabetes : epidemiology and classification
2	Diabetes: end-organ-damages and therapy
2	Dyslipidaemias: classification and pathogenesis
2	Hyperuricaemias: pathogenesis and clinics
2	ischemic stroke: epidemiology and classification
2	ischemic stroke : clinics
2	viral hepatitis: etiology and clinics
2	cirrhosis: clinics
2	Inflammatory bowel diseases (IBD)

MODULE GENERAL SURGERY

Prof. GIANNI PANTUSO

SUGGESTED BIBLIOGRAPHY

"Bariatric Surgery - Multidisciplinary Approach and Surgical Techniques". Umberto Parini - Pier Eugenio Nebiolo. Musumeci Editore

" La Gastrostomia Endoscopica Percutanea" - S.I.E.D.

AMBIT	10349-Scienze medico-chirurgiche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

To be able to analyze and solve dietary-nutritional problems by addressing the diagnostic-therapeutic route in the light of evidence-based medicine principles

SYLLABUS

Hrs	Frontal teaching
8	Principles of Obesity Epidemiology and Screening. Natural History of Obesity. Endocrine-Metabolic Aspects. Obesity and Respiratory Disorders. Psychological Aspects. Psychiatric Aspects. Anesthesiological Problems and Obesity. Coagulative and Venous Thrombosis. Legal Medical Aspects.
22	Childhood Obesity: Surgical Indications. Gastrointestinal Surgery in Type 2 Diabetes Therapy. Metabolic Interventions. Surgical and Endoscopic Techniques: The Role of Minimally Invasive Surgery - Laparoscopic. The Intra-gastric Balloon. The Gastric Banding. The Sleeve Gastrectomy . Vertical Gastroplasty. Bariatric Metabolic Surgery: By-Pass Gastric. Scopinaro Biliopancreatic Diversion. Biliopancreatic Diversion - Duodenal Switch. Bariatric Complications. Bariatric Nutritional Deficiency. Radiological Diagnosis. Characteristics of a Bariatric Center. Bariatric Multimodal Approach. Physiotherapeutic Approach after Bariatric Intervention. Metabolic-Nutritional Evaluations. Post-Bariatric Plastic Surgery. Non Oral Enteral Nutrition: Gastrostomy Surgery and P.E.G.

MODULE CARDIOVASCULAR SYSTEM DISEASES

Prof.ssa GIUSEPPINA NOVO

SUGGESTED BIBLIOGRAPHY

Rugarli C., Medicina Interna Sistemica.
S. Dalla Volta. Malattie del cuore e dei vasi.

AMBIT	10347-Scienze della dietistica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

To know the basis of pathophysiology, epidemiology, clinical presentation, diagnostic criteria, natural history and treatment of major diseases of the cardiovascular system. To know the issues related to the importance of a correct dietetic approach in the primary and secondary prevention of cardiovascular disease. To know how to give elementary dietetic advice to patients with cardiovascular disease. The student must also know the basis of the main biochemical and instrumental tests useful for diagnosis and follow-up of individual cardiovascular diseases, particularly useful for exams to begin a physiotherapy treatment and evaluate the results.

SYLLABUS

Hrs	Frontal teaching
2	Main symptoms of cardiovascular disease: dyspnea, chest pain, palpitations, syncope
2	Atherosclerosis and cardiovascular risks factors. Prevention of cardiovascular diseases
4	Invasive and non invasive cardiological diagnostic tests
2	Acute coronary Syndromes: STEMI, UA/NSTEMI
2	Chronic ischemic heart disease
2	Acute and chronic heart failure
2	Cardiomyopathies and myocarditis
1	Infective endocarditis
1	Pericardial diseases
2	Valves disease
2	Cardiac arrhythmias
2	Sudden cardiac death and cardiac life support
1	Venous thromboembolism
1	Aortic aneurysm
1	Peripheral arterial disease
1	Arterial hypertension
2	Food and cardiovascular disease