



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"		
ACADEMIC YEAR	2017/2018		
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/09, MED/18, MED/11		
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 verrà 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	Students must have passed Biomedical Sciences courses, biology, microbiology and general pathology.
LEARNING OUTCOMES	At the end of the course the student will have to: - Know the theoretical principles at the basis of clinical evidence and evidence-based medicine. - Knowing correctly completing a complete clinical history that also includes the social context in which the patient lives. - Know how to deal with the sufferer in the most varied environmental conditions, both in election and in urgency. - Know how to perform a proper and complete anthropometric examination of the patient. - Being able to approach patients by recognizing signs and symptoms of Internal Medicine related to behavior, eating disorders, endocrine disorders, and signs and syndromes of cardiology linked to obesity. -Specifically detect and interpret key symptoms and signs and identify the most appropriate and appropriate clinical instrumental diagnostic pathway. Know the bariatric interventions by identifying the most appropriate type of surgery for the characteristics of each patient. - To know the metabolic implications of each bariatric intervention in the therapeutic project of the serious obese patient.
ASSESSMENT METHODS	Oral examination - The oral examination consists of a colloquium aimed at ensuring the possession of the competences and the disciplinary knowledge required by the course - Examination expressed in thirty-three - Minimum score 18/30 30/30 and praise: Excellent Knowledge of the contents of the teaching; The student demonstrates high analytical-synthetic skills and is able to apply knowledge to solve complex complex problems 27-29: Excellent knowledge of teaching content and excellent language skills; The student demonstrates analytical-synthetic skills and can apply knowledge to solve problems of complexity and, in some cases, also high 24-26: Good knowledge of the content of teaching and good language skills; The student is able to apply knowledge to solve complex media problems 21-23: Discreet knowledge of the content of teaching, in some cases limited to the main topics; Acceptable ability to use the specific language of the discipline and apply the acquired knowledge independently 18-20: Minimum knowledge of the content of teaching, often limited to the main topics; Modest ability to use the specific language of the discipline and to apply the acquired knowledge independently
TEACHING METHODS	Frontal lessons

MODULE INTERNAL MEDICINE <i>Prof. ANTONINO TUTTOLOMONDO</i>	
SUGGESTED BIBLIOGRAPHY	
estratti degli argomenti svolti a lezione (diapositive) Rugarli, Medicina Interna Sistemica	
AMBIT	10347-Scienze della dietistica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30
EDUCATIONAL OBJECTIVES OF THE MODULE	
Knowledge of the pathophysiology and of clinical symptomatology of the main diseases of Internal Medicine field so as to allow for a better understanding of the most important elements that are at the basis of pathological processes that develop in adulthood, geriatric age, which focus on a possible nutritional technical intervention	

SYLLABUS

Hrs	Frontal teaching
4	epidemiology and pathofisiology of Atherosclerosis
2	Clinical manifestations of the ateroscle
2	Coronary artery disease (CAD)
2	ischemic stroke; epidemiology and clinical classification
2	ischemic stroke: clinical symptoms and prevention strategies
4	Diabetes: epidemiology and pathophysiology
2	Hypertension: epidemiology and pathophysiology
4	Hypertension: end-organ damage and principles of prevention and pharmacological therapy
2	Heart failure: epidemiology and pathogenesis
2	Dyslipidemia: elements of pathophysiology of lipoproteins and prevention and therapy
2	carential anemias
2	acute and chronic kidney injury

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 Gastropasty. 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

Harrison. Principles of Internal Medicine.
Rugarli. Rugarli C. Medicina Interna Sistemica.

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

EDUCATIONAL OBJECTIVES OF THE MODULE

To learn the pathophysiology, the epidemiology, the diagnostic criteria, the clinical presentation, the natural history of the main cardiovascular diseases. The student must also know the main biochemical and instrumental tests useful for diagnostic work up of cardiovascular diseases, the principles therapeutic approach to and the main dietary advice to provide to the cardiopathic patient

SYLLABUS

Hrs	Frontal teaching
1	Main symptoms of cardiovascular disease: dyspnea, chest pain, palpitations, syncope
4	Rudiments of electrocardiography. Invasive and non invasive cardiological diagnostic tests
3	Atherosclerosis and cardiovascular risks factors. Prevention of cardiovascular diseases
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 and pulmonary embolism
1	Acute aortic syndromes
1	Peripheral arterial disease
1	Arterial hypertension
2	Diets and cardiovascular disease