



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2021/2022		
MASTER'S DEGREE (MSC)	MEDICINE AND SURGERY		
INTEGRATED COURSE	MEDICAL-SURGICAL EMERGENCIES AND ANAESTHESIOLOGY		
CODE	02991		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/09, MED/18, MED/41		
HEAD PROFESSOR(S)	GIARRATANO ANTONINO	Professore Ordinario	Univ. di PALERMO
	RAINERI SANTI MAURIZIO	Professore Associato	Univ. di PALERMO
	SALAMONE GIUSEPPE	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	LICATA ANNA	Professore Associato	Univ. di PALERMO
	GIARRATANO ANTONINO	Professore Ordinario	Univ. di PALERMO
	PALMERI DI VILLALBA CESIRA	Ricercatore	Univ. di PALERMO
	BARBAGALLO CARLO MARIA	Professore Associato	Univ. di PALERMO
	SALAMONE GIUSEPPE	Professore Associato	Univ. di PALERMO
	RAINERI SANTI MAURIZIO	Professore Associato	Univ. di PALERMO
	ROMANO GIORGIO	Professore Ordinario	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS	17459 - SURGERY PROPAEDEUTICS AND SYSTEMATICS - INTEGRATED COURSE		
MUTUALIZATION			
YEAR	6		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	BARBAGALLO CARLO MARIA Tuesday 13:00 14:00 DIBIMIS GIARRATANO ANTONINO Monday 11:30 13:30 Direzione Anestesia in fase pandemica Teams Classe :https://teams.microsoft.com/channel/19%3a7103086b8274457c86866f9ea34bec8a%40thread.tacv2/Generale?groupId=ad16c954-0866-4766-9eb6-c116d3e1817d&tenantId=bf17c3fc-3ccd-4f1e-8546-88fa851t LICATA ANNA Thursday 12:00 14:00 Clinica Medica I, Dibimis PALMERI DI VILLALBA CESIRA Wednesday 10:00 12:00 istituto anestesia primo piano stanza del docente RAINERI SANTI MAURIZIO Wednesday 14:30 18:30 Istituto di Anestesia e Rianimazione Policlinico "P. Giaccone" Palermo. 1° Piano. E' Gradita Mail per Conferma		

	ROMANO GIORGIO			
	Monday	13:00	14:00	U.O.C. Chirurgia Generale e d'Urgenza
	Wednesday	13:00	14:00	U.O.C. Chirurgia Generale e d'Urgenza
	SALAMONE GIUSEPPE			
	Monday	12:00	14:00	U.O.C. Chirurgia Generale e d'Urgenza Policlinico Universitario "P. Giaccone" Via L. Giuffrè n°5 - Palermo
	Wednesday	12:00	14:00	U.O.C. Chirurgia Generale e d'Urgenza Policlinico Universitario "P. Giaccone" Via L. Giuffrè n°5 - Palermo

DOCENTE: Prof. GIUSEPPE SALAMONE- *Sede IPPOCRATE*

PREREQUISITES	In order to properly approach the topics covered in the Emergency Surgery module, it is necessary for the student to have some prior knowledge of Human Anatomy, Pathophysiology and Semeiotics and Pharmacology.
LEARNING OUTCOMES	The student must acquire the ability to rationally approach the main aspects of emergency surgical pathologies using correctly and critically the most useful and rational clinical methodology and diagnostic tools in order to quickly reach a diagnostic synthesis and an appropriate therapeutic program.
ASSESSMENT METHODS	The examination consists of an oral test.
TEACHING METHODS	The teaching is mainly organised in face-to-face lectures (30 hours), where the main topics of emergency surgery will be dealt with, while at the same time providing the student with the methodology for a correct clinical approach to surgical pathologies in emergencies.

DOCENTE: Prof. SANTI MAURIZIO RAINERI- *Sede HYPATIA*

PREREQUISITES	
LEARNING OUTCOMES	
ASSESSMENT METHODS	
TEACHING METHODS	

MODULE ANAESTHESIOLOGY AND INTENSIVE CARE

Prof. ANTONINO GIARRATANO - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY

Testi consigliati

Tiberio-Randazzo et al Emergenze Medico Chirurgiche Elsevier Masson Edit. E. ROMANO, Anestesia - I Principi e le Tecniche, UTET. P. ROSEN, Emergency Medicine, vol. I, II, Mosby, II edizione. R.D. MILLER, Anesthesia, Churchill Livingstone, III edizione. J.M. CIVETTA, Critical Care, J.B. Lippincott, Philadelphia, 1988. Textbook of Advanced Cardiac Life Support, American Heart Association, II edizione. Health Care Provider's Manual for Basic Life Support, American Heart Association. Critical Care Diagnosis & Treatment, edited by F.S. Bongard & D.Y. Sue, Lange Medical Book. Emergency Diagnosis & Treatment, edited by C.E. Saunders & M.T. Ho, Lange Medical Book. NOVELLI ET AL., Anestesia, Rianimazione ed Emergenze Medico-Chirurgiche, Gnocchi, Napoli, 1995

AMBIT	50410-Emergenze medico-chirurgiche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Versione inglese

At the end of the course the student must demonstrate knowledge and capacity of understanding regarding the anesthesia techniques, CPR as well as the use of emergency medications. Is able to made rational choices about drug therapies, anesthesia and intensive care to be applied in various pathological conditions, relatively to the specific characteristics of patient and a proper avaluation of the benefit-cost ratio. Making judgment based on incomplete or limited information, including reflection on the responsibilities related to the application of his knowledge. Learn to listen carefully to understand and synthetize information on all drug problems, anesthesia and resuscitation and know then communicate the content effectively in both oral and written form. be able to gather and organize, properly interpret information about drug for anesthesia and resuscitation by the different resources and databases

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, drowness, frostbite and electrocution
2	Shock Syndrome
2	Sepsis and Septic shock
2	Hypoxemic and Hypercapnic Respiratory Failure
4	Priciples and Practice of invasive and non-invasive ventilation
2	Nursing in acute and chronic pain

MODULE EMERGENCY MEDICINE

Prof. CARLO MARIA BARBAGALLO - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY

- Manuale di Medicina D'Urgenza, Della Corte F et al., Ed. Mc Graw Hill.
- Urgenze ed Emergenze Medico-Chirurgiche, Agro' F et al., Ed. Minerva Medica.
- Emergenze Medico-Chirurgiche, Tiberio G et al.; Ed. Masson.
- Medicina D'urgenza e Pronto Soccorso, Coraggio F et al., Ed. Gnocchi.
- Diagnosi e Trattamento delle Emergenze medico-chirurgiche, Andreoni B et al., Ed. Elsevier-Masson.
- Medicina di Emergenza-Urgenza, Ferrari AM et al, Ed. Elsevier.
- Materiale didattico ed appunti delle lezioni del docente.

AMBIT	50416-Clinica generale medica e chirurgica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

The primary objective in the selection of topics of the Emergency Medicine module is furnishing the student the knowledge, practical skills and appropriate attitudes to handle the patient in the primary purpose of his well-being. The student must know know methods of clinical diagnosis, methodological approach and principles of emergency/urgent therapy based on the etiology and pathophysiology that raised the event morbid.

SYLLABUS

Hrs	Frontal teaching
1	Clinical approach to Emergency Medicine
1	Cardiogenic, hypovolemic, anaphylactic and septic shock.
1	DIC
1	Consciousness disorders and coma states
1	Vertigo, dizziness and syncope
1	Acid-base balance disorders
1	Hydro-electrolytic disorders
1	Acute complications of diabetes: ketoacidosis, lactic acidosis and hyperosmolar coma, hypoglycemic coma
1	Acute chest pain
1	Acute dyspnea
1	Acute coronary syndrome
1	Acute pulmonary edema and heart failure
1	Pulmonary embolism
1	Hypertensive urgencies and emergencies
1	Pulse-pounding and arrhythmias
1	Cardiological emergencies: pericarditis, myocarditis, endocarditis
1	COPD
1	Bronchial asthma
1	Acute respiratory failure
1	Acute liver failure and acute complications of cirrhosis
1	Portosystemic encephalopathy
1	Acute alcohol intoxication and alcohol withdrawal syndromes
1	Acute renal failure
1	Mixedematosa crisis, thyrotoxicosis and adrenal emergencies
1	Fever and infectious emergencies
1	Hypothermia and frostbite
1	Acute hemorrhagic syndromes
1	Abdominal, lumbar and lower limbs pain
1	Hematologic emergencies: leucopenia, thrombocytopenia, anemia and blastic crisis
1	Diarrhoea and vomiting

MODULE EMERGENCY MEDICINE
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<i>Prof.ssa ANNA LICATA - Sede IPPOCRATE, - Sede IPPOCRATE</i>

SUGGESTED BIBLIOGRAPHY

AMBIT	50416-Clinica generale medica e chirurgica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE
