



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2016/2017		
BACHELOR'S DEGREE (BSC)	PSYCHIATRIC REHABILITATION TECHNIQUE		
INTEGRATED COURSE	FIRST AID - INTEGRATED COURSE		
CODE	05749		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/09, MED/41, MED/27		
HEAD PROFESSOR(S)	IACOPINO DOMENICO	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	SPARACIA BENEDETTA	Ricercatore	Univ. di PALERMO
	IACOPINO DOMENICO	Professore Ordinario	Univ. di PALERMO
	NARDI EMILIO	Professore Associato	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	3		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>IACOPINO DOMENICO Monday 14:00 16:00 Direzione UOC di neurochirurgia</p> <p>NARDI EMILIO Wednesday 12:00 14:00 Laboratorio di Ecocardiografia presso Medicina Interna (Prof.Averna)</p> <p>SPARACIA BENEDETTA Friday 11:00 12:00 Dipartimento di Scienze per la Promozione della Salute e Materno Infantile "G. D'Alessandro".</p>		

DOCENTE: Prof. DOMENICO IACOPINO

PREREQUISITES	Have adequate background knowledge of anatomy and physiology
LEARNING OUTCOMES	<p>Knowing how to prepare the patient to participate in the Urgency-Emergency situations.</p> <p>Applying knowledge and understanding</p> <p>Know how to apply the learning.</p> <p>MAKING JUDGMENTS</p> <p>Know how to recognize the main pathological for a therapeutic diagnostic classification.</p> <p>COMMUNICATION SKILLS</p> <p>Know talk easily understood by patients and relatives as well as to know to interact with other professionals.</p> <p>LEARNING ABILITY</p> <p>Knowing implement, collect, interpret the available data base and possibly from other resources specific information on patients.</p>
ASSESSMENT METHODS	<p>Oral exam which will consist of an interview that is to ascertain the possession of skills and subject knowledge provided by the course. The assessment is carried out of thirty.</p> <p>Assessment criteria are available on the School of Medicine and Surgery website at http://www.unipa.it/scuole/dimedicinaechirurgia/content/documenti/TabellaValutazione-Inglese.pdf</p>
TEACHING METHODS	Frontal teaching

MODULE NEUROSURGERY

Prof. DOMENICO IACOPINO

SUGGESTED BIBLIOGRAPHY

Lavano - Neurochirurgia per Infermieri Tecnici e Riabilitatori. Ed Esculapio. 2015

AMBIT	10324-Scienze interdisciplinari e cliniche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

At the end of the session the student may be able to recognize, in the emergency settings, the main clinical syndromes which involve the neurological system and may require surgical procedures.

Intracranial hypertensive syndromes

Intracranial hemorrhages

Cerebral neoplasms

Spinal trauma

Degenerative pathologies of the vertebral compartment

Functional neurosurgery as deep brain stimulation for Parkinson disease, dystonia, Psychosurgery, neuropathic pain treatment

SYLLABUS

Hrs	Frontal teaching
6	•Cranio-cerebral trauma
6	Spinal Traum
4	Hemorrhagic stroke
4	Functional neurosurgery, DBS for Parkinson disease, Dystonia, Psychosurgery, Surgical treatment of neuropathic pain
4	Hypertensive intracranial syndrome
3	Degenerative disease of the spine
Hrs	Practice
3	Neurosurgical disease

MODULE INTERNAL MEDICINE

Prof. EMILIO NARDI

SUGGESTED BIBLIOGRAPHY

Medicina D'urgenza Pratica e Progresso. Valerio Grai, C.G. Edizioni Medico Scientifiche.

AMBIT	10320-Primo soccorso
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Recognize the main clinical syndromes in emergency / urgent conditions .

SYLLABUS

Hrs	Frontal teaching
4	the endocrine-metabolic syndromes (thyroid disorders , thyrotoxicosis , diabetic coma)
1	Urination , bowel function , body weight
1	Regular serological parameters . Acid base balance , fluid and electrolyte balance, coagulation.
1	The levy arterioso- Venous - venous access sampling.
4	major clinical syndromes involving the respiratory system (bronchial asthma , pneumothorax , respiratory failure , chest pain , hemoptysis , pulmonary embolism)
5	the cardiovascular system (acute coronary syndromes , shock , acute pulmonary edema , cardiac tamponade , hypertensive crisis , heart failure , syncope , aortic dissection)
3	the gastrointestinal tract (abdominal pain , vomiting and haematemesis)
3	renal tract (renal failure)
3	orientation on main support to be implemented in emergency procedures
Hrs	Practice
4	exercises of Internal Medicine at the UOC

MODULE ANAESTHESIOLOGY

Prof.ssa BENEDETTA SPARACIA

SUGGESTED BIBLIOGRAPHY

Minerva Anestesiologica, vol. 57, maggio 1991 - Ossigeno Terapia Iperbarica.

AMBIT	10320-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

Anesthesiology Module - Section Hyperbaric Oxygen Therapy:

Know how to evaluate and prepare the patient for Hyperbaric Oxygen Therapy (HOT) in emergency/urgent situations.

SYLLABUS

Hrs	Frontal teaching
6	Hyperbaric systems: description - risks - safe management.
2	Management of the candidate patient to HOT: study and preliminary evaluation - preparation - monitoring and life support - informed consent.
3	Barotrauma
2	Oxygen toxicity.
2	Hyperbaric oxygen: physiology - mechanism of action - rational application.
4	Hyperbaric Oxygen Therapy and Carbon Monoxide Poisoning.
4	Hyperbaric Oxygen Therapy and Necrotizing Soft Tissue Infections.
4	Hyperbaric Oxygen Therapy and Crush injury.
3	Hyperbaric Oxygen Therapy and Diabetic foot.