



# UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"		
ACADEMIC YEAR	2020/2021		
MASTER'S DEGREE (MSC)	NURSING AND MIDWIFERY		
INTEGRATED COURSE	CARE COMPLEXITY IN SPECIALIST AND EMERGENCY MEDICINE - INTEGRATED COURSE		
CODE	18012		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/18, MED/26, MED/38		
HEAD PROFESSOR(S)	D'ARPA FRANCESCO	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	PICCOLI TOMMASO	Ricercatore	Univ. di PALERMO
	GIUFFRÈ MARIO	Professore Associato	Univ. di PALERMO
	D'ARPA FRANCESCO	Professore Associato	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p><b>D'ARPA FRANCESCO</b> Tuesday 15:00 16:00</p> <p><b>GIUFFRÈ MARIO</b> Monday 11:00 12:00 Dipartimento Materno Infantile, Via Alfonso Giordano 3, 90127 Palermo Wednesday 11:00 12:00 Padiglione 11, CEFPAS, Caltanissetta</p> <p><b>PICCOLI TOMMASO</b> Tuesday 10:00 12:00 Via Gaetano La Loggia, 1</p>		

**DOCENTE:** Prof. FRANCESCO D'ARPA

<b>PREREQUISITES</b>	Knowledge of principal informations regarding anatomy, fisiology and pathology, biology and genetics, clinical biochemistry, pharmacology and semeiotics.
<b>LEARNING OUTCOMES</b>	<p>Knowledge and understanding: knowledge and understanding of the principal informations regarding physio-patology, diagnosis, treatment and prevention for the principal diseases with special refer to delivery, birth and neonatal adaptation.</p> <p>Applying knowledge and understanding: ability to identify the principal needs in different stages of age and in specific physio-patological conditions.</p> <p>Making judgments: ability to evaluate consequences of specific clinical conditions and to adopt adequate interventions and to recognize clinical conditions requiring specialistic consultation.</p> <p>Communication: ability to communicate in a clear and exhaustive way to colleagues, patient and parents the planned diagnostic and therapeutic pathway, risks and opportunities, in order to adopt aware and coherent choices; ability to face the complex situations with a multidisciplinary approach, sharing objectives and intervention strategies.</p> <p>Lifelong learning skills: ability to update knowledge in specific fields of clinical sciences with development of ratiocinative and argumentative skills through international literature.</p>
<b>ASSESSMENT METHODS</b>	<p>Written test or oral examination finalized to verify the required knowledge and competence through at least 2 questions formulated in order to evaluate the requested learning results verifying the acquired knowledges, the elaboration ability and the argumentative skills. The evaluation is expressed on a scale up to 30 cum laude, based on the following criteria:</p> <ul style="list-style-type: none"><li>- Excellent: 30-30 cum laude. Excellent knowledge and understanding, excellent communication, argumentative skills and use of technical language.</li><li>- Very good: 27-29. Very good knowledge and understanding, very good communication, argumentative skills and use of technical language.</li><li>- Good: 24-26. Good knowledge and understanding, good communication, argumentative skills and use of technical language.</li><li>- Satisfactory: 21-23. Limited basic knowledge and understanding, acceptable communication, argumentative skills and use of technical language.</li><li>- Sufficient: 18-20. Minimal basic knowledge and understanding, poor communication and argumentative skills.</li><li>- Fail: 1-17. Insufficient knowledge and understanding, insufficient communication and argumentative skills.</li></ul>
<b>TEACHING METHODS</b>	Frontal or web-based teaching, training and simulation sessions

**MODULE**  
**CLINICAL ASSISTANCE COMPLEXITY IN GENERAL AND EMERGENCY SURGERY**

*Prof. FRANCESCO D'ARPA*

**SUGGESTED BIBLIOGRAPHY**

Meriggi F. Manuale di Chirurgia Generale per Scienze Infermieristiche. Selecta Medica. Franchello A, Olivero G. Chirurgia per Scienze Infermieristiche. Edizioni Minerva Medica

<b>AMBIT</b>	21057-Attività formative affini o integrative
<b>INDIVIDUAL STUDY (Hrs)</b>	51
<b>COURSE ACTIVITY (Hrs)</b>	24

**EDUCATIONAL OBJECTIVES OF THE MODULE**

The aim of the course is to train health workers who are able to express advanced type skills assistance, educational and preventive in response to the priority problems of population health and quality of services, in surgical field both in the election setting and in the emergency setting. They must develop an integrated approach to organizational and management problems of the health professions, qualified by the mastery of the techniques and procedures of the health management, respecting their and others' competences. The training activities will be organized so that the graduates acquire the following skills: • Determine and critically evaluate the evolution of care needs relevant to the specific professional figure, too in connotations linked to gender, where required; • Design and intervene operatively in order to complex welfare and organizational problems; • Plan, manage and evaluate welfare services with a view to improving quality (planning, organization, direction, control); • Supervise the assistance relevant to the specific professional figure and carry out professional advice in surgical scope; • Apply and evaluate the impact of different theoretical models in the operation of care; • Design, implement and evaluate training interventions; • Develop the teaching and tutoring skills for the specific professional figure within the tutorials and co-ordination of the training in basic, complementary and permanent training; • Use research methods and tools, relevant to the professional figure, in the clinical-care areas, in organization and training

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
4	Post-operative organization
4	calculi of the biliary tract and complications
2	Clinical assistance in the Operating Room
4	Breast carcinoma and organization of the Breast Unit.
4	ntestinal occlusion and acute abdomen
2	Goitre and thyroid carcinoma
2	colorectal carcinoma
2	Tumors of the Pancreas

**MODULE**  
**CLINICAL CARE COMPLEXITY IN PAEDIATRICS**

*Prof. MARIO GIUFFRÈ*

**SUGGESTED BIBLIOGRAPHY**

Burgio et al. Pediatria essenziale. UTET  
Marcdante et al. Nelson Manuale di Pediatria. Elsevier

<b>AMBIT</b>	20381-* Scienze infermieristiche pediatriche
<b>INDIVIDUAL STUDY (Hrs)</b>	51
<b>COURSE ACTIVITY (Hrs)</b>	24

**EDUCATIONAL OBJECTIVES OF THE MODULE**

The course aims at transmitting knowledge and competence in the fields of clinical methodology and management of pediatric diseases from birth to adolescence, with special refer to birth, neonatology, prevention strategies, pediatric diseases of gastrointestinal, cardiac, respiratory, genitourinary tracts, central nervous system and hemato-oncologic diseases in developmental age.

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
1	Introduction to medicine of developmental age and pediatric semeiotic.
3	Assistance to the newborn at birth. The healthy newborn. Prematurity and low birth weight. Perinatal asphyxia. Respiratory distress syndrome.
2	Neonatal jaundice. Neonatal infections and sepsis.
1	Neonatal screenings. Vaccinations.
2	Growth in developmental age. Growth disorders. Puberty: timing, early onset and delay.
2	Endocrine diseases. Diabetes mellitus. Diabetes insipidus. Hypothyroidism. Inborn errors of metabolism.
3	Genetic diseases and congenital malformations.
2	Nutritional deficits. Disorders of digestion and absorption. Celiac disease. Bowel inflammatory diseases. Intolerance to cow milk proteins. Gastro-esophageal reflux.
2	Diseases of kidneys and urinary tract. Glomerulonephritis and nephrotic syndrome.
2	Principal respiratory diseases in developmental age. Pneumonitis. Asthma. Cystic fibrosis.
2	Principal neoplasias in developmental age. Leukemias and lymphomas. Abdominal masses.
2	Principal disorders of central nervous system in developmental age.
<b>Hrs</b>	<b>Practice</b>
3	Pediatric emergencies: basic life support and defibrillation and obstruction by foreign body.
3	Neonatal resuscitation and stabilization.

**MODULE**  
**CLINICAL ASSISTANCE COMPLEXITY IN NEUROLOGY**

*Prof. TOMMASO PICCOLI*

**SUGGESTED BIBLIOGRAPHY**

Neurologia e Assistenza Infermieristica - Manuale per Professioni Sanitarie [A. Federico - Edises]

<b>AMBIT</b>	20387-Scienze biologiche, mediche e chirurgiche
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<b>INDIVIDUAL STUDY (Hrs)</b>	51
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<b>COURSE ACTIVITY (Hrs)</b>	24
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**EDUCATIONAL OBJECTIVES OF THE MODULE**

The course aims to provide students with elements and methodological basis for the organization, management and optimization of healthcare processes in neurological department and wards, in particular Stroke and neurodegenerative diseases

**SYLLABUS**

Hrs	Frontal teaching
4	Introduction to clinical neurology
4	Neurodegenerative disorders: new diagnostic and therapeutic perspectives
4	The organization of a network for the management of dementias from the diagnosis to the late stages of the disease
4	Cerebrovascular disorders: physiopathological, clinical and therapeutic aspects of Stroke. Management and organization of Stroke Units
4	Management of the patient with disability
4	Research in neurology