



# UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"		
ACADEMIC YEAR	2023/2024		
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)	GIUFFRÈ MARIO	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. MARIO GIUFFRÈ

<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 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 teaching, training and simulation sessions

## MODULE CLINICAL ASSISTANCE COMPLEXITY IN GENERAL AND EMERGENCY SURGERY

*Prof. FRANCESCO D'ARPA*

### SUGGESTED BIBLIOGRAPHY

Manuale per l'assistenza infermieristica in chirurgia generale e specialistica. Opera completa . Editore Aracne Anno 2020  
Chirurgia per infermieri 5/ed. [Lise - Piccin Editore] Anno 2016

<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

Versione inglese

The course aims to train health workers (nurse, obstetric, coordinator) to give advanced skills in welfare, educational and preventive in response to the priority issues of population health and quality of services, in surgery and in the election or emergency setting. Professional must develop an integrated approach to organizational and managerial problems of the health professions, skilled mastery of the techniques and health management procedures, while respecting their and others skills.

The activities training will be organized so that the graduates acquire the following skills:

- Read and critically evaluate the evolution of assistance relevant to the needs of specific professional figure, even in the connotations linked to gender, where required;
- To plan and act operationally in order to care and complex organizational problems;
- Plan, manage and evaluate care services from the perspective of improving the quality (planning, organization, direction, control);
- Supervise the assistance related to the specific professional figure and carry out professional advice actions in surgery;
- Apply and evaluate the impact of different theoretical models in operations assistance;
- Design, implement and evaluate training activities;
- Develop the capacity of teaching and tutoring for specific professional activities as part of the tutorial and coordination of training in basic training, and lifelong;
- Use the methods and research tools, relevant to the professional figure, in clinical care areas, organization and training;
- Critically analyze the ethical aspects related to assistance and multi-professional and multi-cultural issues.

LEARNING EXPECTED RESULTS EXPRESSED THROUGH DESCRIPTORS OF THE EUROPEAN QUALIFICATION (DM 16.3.2007, art. 3, paragraph 7):

1. Knowledge and understanding;
2. Applying knowledge and understanding;
3. Making judgments;
4. Communication skills;
5. Learning skills.

DESCRIPTION OF EVALUATIONS METHODS (ECTS & Italian Grade):

A – A+ Excellent (30-30 cum laude) Eccellente

Excellent knowledge of teaching contents; students should show high analytical and synthetic capabilities and should be able to apply their knowledge to solve highly complex problems.

B Very good (27-29) Ottimo

Very good knowledge of the teaching contents and excellent language control; students should show analytical and synthetic skills and be able to apply their knowledge to solve problems of medium and, in some cases, even higher complexity.

C Good (24- 26) Buono

Good knowledge of teaching contents and good language control; the students should be able to apply their knowledge to solve problems of medium complexity

D Satisfactory (21-23) Discreto

Average knowledge of the teaching contents, in some cases limited to the main topic; acceptable ability to use the specific discipline language and independently apply the acquired knowledge.

E Sufficient (18-20) Sufficiente

Minimum teaching content knowledge, often limited to the main topic; modest ability to use the subject specific language and independently apply the acquired knowledge.

F Fail Insufficiente Lack of an acceptable knowledge of the main teaching content knowledge; very little or no ability to use the specific subject language and apply independently the acquired knowledge.

## SYLLABUS

Hrs	Frontal teaching
4	Clinical care complexity in operatory room
4	Clinical care complexity in emergency endoscopy
4	Clinical care complexity in general surgery: surgical drainages
4	Clinical care complexity in oncological surgery: the ostomies
4	Clinical care complexity in oncological surgery: long-term vascular access
4	Clinical care complexity in operatory room: sutures and stapler

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

*Prof. MARIO GIUFFRÈ*

**SUGGESTED BIBLIOGRAPHY**

Marcadante 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**

Hrs	Frontal teaching
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.
Hrs	Practice
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**

Il Bergamini di neurologia. Leonardo Lopiano, Alessandro Mauro, Adriano Chiò. Ed Cortina Raffaello, 2020

<b>AMBIT</b>	20387-Scienze biologiche, mediche e chirurgiche
<b>INDIVIDUAL STUDY (Hrs)</b>	51
<b>COURSE ACTIVITY (Hrs)</b>	24

**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 departments 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 dementia 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	Patient management with disabilities, social aspects and care
4	Neuroscience research