



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2019/2020		
MASTER'S DEGREE (MSC)	MEDICINE AND SURGERY		
INTEGRATED COURSE	SURGERY PROPAEDEUTICS AND SYSTEMATICS - INTEGRATED COURSE		
CODE	17459		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/18		
HEAD PROFESSOR(S)	VIENI SALVATORE	Professore Associato	Univ. di PALERMO
	D'ARPA FRANCESCO	Professore Associato	Univ. di PALERMO
	CIPOLLA CALOGERO	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	TOMASELLO GIOVANNI	Professore Associato	Univ. di PALERMO
	VIENI SALVATORE	Professore Associato	Univ. di PALERMO
	GRASSI NELLO	Professore Associato	Univ. di PALERMO
	DI BUONO GIUSEPPE	Ricercatore a tempo determinato	Univ. di PALERMO
	GERACI GIROLAMO	Professore Associato	Univ. di PALERMO
	CIPOLLA CALOGERO	Professore Associato	Univ. di PALERMO
	D'ARPA FRANCESCO	Professore Associato	Univ. di PALERMO
	SCIUME' CARMELO	Professore Associato	Univ. di PALERMO
CREDITS	8		
PROPAEDEUTICAL SUBJECTS	05548 - GENERAL PATHOLOGY - INTEGRATED COURSE 03380 - HUMAN PHYSIOLOGY - INTEGRATED COURSE		
MUTUALIZATION			
YEAR	3		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	CIPOLLA CALOGERO Thursday 14:30 16:30 Chirurgia Generale ed Oncologica 09.07 D'ARPA FRANCESCO Tuesday 15:00 16:00 DI BUONO GIUSEPPE Tuesday 14:00 17:00 Stanza del docente presso Azienda Ospedaliera Universitaria Policlinico "P. Giaccone" via L. Giuffrè, 5 - Palermo GERACI GIROLAMO Tuesday 14:00 16:00 Ufficio del Docente c/o Segreteria della U.O.C. di Chirurgia Generale e Toracica (piano terra del Dipartimento di Chirurgia Generale e d'Urgenza in via Liborio Giuffrè n. 5) Thursday 14:00 16:00 Ufficio del Docente c/o Segreteria della U.O.C. di Chirurgia Generale e Toracica (piano terra del Dipartimento di Chirurgia Generale e d'Urgenza in via Liborio Giuffrè n. 5) GRASSI NELLO Tuesday 08:00 10:00 Studio prof. Grassi, presso Dipartimento di Oncologia, piano terra. SCIUME' CARMELO Thursday 12:00 14:00 Policlinico- Dipartimento di Chirurgia Via Liborio Giuffrè n.5 Primo Piano salendo le scale corridoio a destra, prima stanza a sinistra		

	TOMASELLO GIOVANNI Monday 10:00 13:00 PLESSO ANATOMIA UMANA NORMALE - AOUP P- GIACCONESI CONSIGLIA AGLI STUDENTI DI CONCORDARE TELEFONICAMENTE IL PROPRIO APPUNTAMENTO CHIAMANDO AL MIO NUMERO PERSONALE: 338 2607762 VIENI SALVATORE Tuesday 08:00 10:00 Studio Prof. Salvatore Vieni, presso Dipartimento di Oncologia, piano terra.
--	--

DOCENTE: Prof. CALOGERO CIPOLLA- Sede *CHIRONE*

PREREQUISITES	Knowledge of anatomy, physiology, biochemistry and general pathological processes of : Abdomen and Digestive System, Liver and biliary tract, Pancreas, Spleen and lymph nodes, Chest and Diaphragm, Breast, Exocrine and Endocrine Glands.																					
LEARNING OUTCOMES	Knowledge and understanding. At the end of the course the student will: - Know the theoretical principles underlying the clinical method and evidencebased medicine of surgical pathologies. - Knowing how to correctly perform a complete clinical history of a surgical patient. - Knowing how to deal with the patient in a variety of environmental conditions, both in election and emergency. - Knowing how to perform a correct and complete physical examination of the patient, including both the general and systemic aspects and individual organs and systems. - Being able to approach patients: changes in swallowing, impaired digestion, evacuation disorders, gastrointestinal bleeding, acute abdominal pain, jaundice, - Knowing how to detect and interpret critically the main symptoms and signs, and identify the most correct and appropriate diagnostic clinical and instrumental path. Applying knowledge and understanding. Students will spend the knowledge acquired during the course directly into employment. Making judgments. Students will be able to evaluate in a rational and self-knowledge provided by the course and be able to set an argument based on evidence and information derived from the examination of the patient's body. Learning ability. Ability to continuously updated through the knowledge of the arrangements for consultation and interpretation of information sources (publications scientific data, databases and IT resources).																					
ASSESSMENT METHODS	Oral test, Mark out of thirty, Evaluation, with the following criterion of the mark allocation: <table><tr><td>Mark</td><td>Evaluation</td><td>Result</td></tr><tr><td>30 - 30 e lode</td><td>- Excellent</td><td>Excellent knowledge of teaching content; the student demonstrates high capacity analytic-synthetic, and is able to A - A+ apply the knowledge to solve problems of high complexity.</td></tr><tr><td>27 - 29</td><td>- Very Good</td><td>Very good knowledge of teaching and excellent content property of language; the student demonstrates ability B analytic-synthetic, and is able to apply the acquired knowledge to solve problems of media complexity and, in certain cases, also high.</td></tr><tr><td>24 - 26</td><td>- Good</td><td>Good knowledge of teaching content and good ownership of language; the student is able to apply the acquired C knowledge to solve medium complexity problems.</td></tr><tr><td>21 - 23</td><td>- Satisfactory</td><td>Fairly good knowledge of teaching content, in some cases limited to the main topic; acceptable ability to use the D specific language of the discipline and apply independently the acquired knowledge.</td></tr><tr><td>18 - 20</td><td>- Sufficient</td><td>Minimal knowledge of teaching content, often limited to main topics; modest ability to use the specific language of E the discipline and apply independently the acquired knowledge.</td></tr><tr><td>1 - 17</td><td>Fail</td><td>It does not have an acceptable knowledge of the main content teaching; very little or no ability to use the language((examination failed) F specific of the discipline and apply independently the acquired knowledge.</td></tr></table>	Mark	Evaluation	Result	30 - 30 e lode	- Excellent	Excellent knowledge of teaching content; the student demonstrates high capacity analytic-synthetic, and is able to A - A+ apply the knowledge to solve problems of high complexity.	27 - 29	- Very Good	Very good knowledge of teaching and excellent content property of language; the student demonstrates ability B analytic-synthetic, and is able to apply the acquired knowledge to solve problems of media complexity and, in certain cases, also high.	24 - 26	- Good	Good knowledge of teaching content and good ownership of language; the student is able to apply the acquired C knowledge to solve medium complexity problems.	21 - 23	- Satisfactory	Fairly good knowledge of teaching content, in some cases limited to the main topic; acceptable ability to use the D specific language of the discipline and apply independently the acquired knowledge.	18 - 20	- Sufficient	Minimal knowledge of teaching content, often limited to main topics; modest ability to use the specific language of E the discipline and apply independently the acquired knowledge.	1 - 17	Fail	It does not have an acceptable knowledge of the main content teaching; very little or no ability to use the language((examination failed) F specific of the discipline and apply independently the acquired knowledge.
Mark	Evaluation	Result																				
30 - 30 e lode	- Excellent	Excellent knowledge of teaching content; the student demonstrates high capacity analytic-synthetic, and is able to A - A+ apply the knowledge to solve problems of high complexity.																				
27 - 29	- Very Good	Very good knowledge of teaching and excellent content property of language; the student demonstrates ability B analytic-synthetic, and is able to apply the acquired knowledge to solve problems of media complexity and, in certain cases, also high.																				
24 - 26	- Good	Good knowledge of teaching content and good ownership of language; the student is able to apply the acquired C knowledge to solve medium complexity problems.																				
21 - 23	- Satisfactory	Fairly good knowledge of teaching content, in some cases limited to the main topic; acceptable ability to use the D specific language of the discipline and apply independently the acquired knowledge.																				
18 - 20	- Sufficient	Minimal knowledge of teaching content, often limited to main topics; modest ability to use the specific language of E the discipline and apply independently the acquired knowledge.																				
1 - 17	Fail	It does not have an acceptable knowledge of the main content teaching; very little or no ability to use the language((examination failed) F specific of the discipline and apply independently the acquired knowledge.																				
TEACHING METHODS	Lessons																					

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE III

Prof. CALOGERO CIPOLLA - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY

1. Chirurgia - Basi teoriche e chirurgia generale di Renzo Dionigi. Quinta edizione. Elsevier.
2. Chirurgia Generale di R. Bellantone- G. De Toma- M. Montorsi. Ediz. Minerva Medica.
3. Semeiotica e Metodologia Chirurgica di S. De Franciscis et al. Ediz. Idelson –Gnocchi.

AMBIT	20949-Attività formative affini o integrative
INDIVIDUAL STUDY (Hrs)	30
COURSE ACTIVITY (Hrs)	20

EDUCATIONAL OBJECTIVES OF THE MODULE

The module aims to help the student to develop a method of reasoning and of work based on scientific evidence and on the rational and critical of the information collected with the patient's physical examination, with laboratory and instrumental methods. The student will learn the methodology approach to the patient suffering from wound and surgical infections, and the main diseases of the abdominal wall, esophagus and diaphragm, using properly and critically the most important diagnostic methods, from the least to the most invasive, especially in light of the cost / benefit ratio, useful basis for subsequent integrated courses.

SYLLABUS

Hrs	Frontal teaching
2	History of Surgery
1	Surgical patient
2	Wound Healing
2	Surgical infections
2	Physical examination and abdominal symptoms.
4	Abdominal wall and hernias.
7	Esophagus and Diaphragm.

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE I

Prof. GIOVANNI TOMASELLO - Sede HYPATIA, - Sede HYPATIA

SUGGESTED BIBLIOGRAPHY

- DIONIGI CHIRURGIA GENERALE
SETA EDIZIONE - EDRA

- consultazione bibliografia e letteratura scientifica internazionale degli argomenti trattati a lezione tramite PUBMED

AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
--------------	---

INDIVIDUAL STUDY (Hrs)	45
-------------------------------	----

COURSE ACTIVITY (Hrs)	30
------------------------------	----

EDUCATIONAL OBJECTIVES OF THE MODULE

The course aims to provide students with the preparatory bases for the etiological and clinical classification of the pathologies proposed in the program of lessons.

SYLLABUS

Hrs	Frontal teaching
30	Surgical semeiotics of the abdomen Hernial pathology of the abdominal wall inguinal hernia crural hernia Spigelio hernia incisional hernia Microbiota and intestinal immune system Microbiota and intestinal immune system (GALT) Dysbiosis and its effects on GALT Inflammatory bowel disease Ulcerative rectocolitis Crohn's disease Indeterminate Colitis Toxic Megacolon Cancer microbiome Diverticular pathology of the colon diverticulosis Diverticulitis SCAD (segmental colitis associated with diverticulosis) Introduction to endoscopic diagnostics of alimentary canal pathologies Endoscopic morphological pictures

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE II

Prof. GIUSEPPE DI BUONO - Sede HYPATIA, - Sede HYPATIA

SUGGESTED BIBLIOGRAPHY

Manuale di Chirurgia Generale - D. D'Amico
Chirurgia: basi tecniche e chirurgia generale - R. Dionigi

AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

on the basis of the knowledge of anatomy and physiology acquired through the preparatory teachings, we illustrate the principles of anamnestic collection and physical examination in general surgery with particular reference to the pathophysiological principles underlying the signs and symptoms of the main abdominal surgical pathologies. Identify the main indications for surgical intervention both in the elective and in the emergency regime. Through this teaching the student will be able to carry out an initial diagnostic-therapeutic approach to the surgical patient with knowledge of the main general surgery interventions.

SYLLABUS

Hrs	Frontal teaching
4	Physical examination of the abdomen
6	Obstructive jaundice.
4	Gallbladder's calculosis and Cholecystitis.
3	Gastrontestinal bleeding.
3	Bowel obclusions.

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE II

Prof. SALVATORE VIENI - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY

1.R. Bellantone- G. De Toma- M. Montorsi
Chirurgia Generale
Ediz. Minerva Medica
2.S. De Franciscis et al.
Semeiotica e Metodologia Chirurgica
Ediz. Idelson –Gnocchi
3.Renzo Dionigi
Chirurgia
Basi teoriche e chirurgia generale
Quinta edizione. Elsevier

AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

The module aims to help the student to develop a method of reasoning and of work based on scientific evidence and on the rational and critical of the information collected with the patient's physical examination , with laboratory and instrumental methods .

The student will learn the methodical approach to the patient suffering from major abdominal conditions such as peritonitis, acute appendicitis, bowel obstruction, gastrointestinal bleeding, cholelithiasis, cholecystitis, cholangitis, abdominal abscesses. The student will learn, also, the method of approach to diseases of the breast, neck, thyroid and parathyroid, using them properly and critically the most important diagnostic methods, from least invasive to most invasive, in the light of the cost / benefit ratio useful basis for subsequent integrated courses.

SYLLABUS

Hrs	Frontal teaching
2	Clinical and instrumental diagnosis in surgery: • Diagnostic imaging • Digestive Endoscopy • biopsies and cytology
3	Acute abdominal pain. Peritonitis
2	Appendicitis
2	Bowel obstruction.
2	Gastrointestinal bleeding.
5	Liver and biliary system: • Clinical and physical examination • functional and instrumental diagnostics epatice diseases and biliary tract of surgical interest • Surgical Jaundice • Abscesses • biliary calculi • acute and chronic cholecystitis • Cholangitis • Fistulas biliary-digestive
8	Breasts: • Semiotics • Instrumental clinical diagnostics in senology • congenital and developmental abnormalities Malformations • breast Inflammatory diseases • mammary dysplasia
2	Neck: • swelling • Cysts and fistulas
2	Thyroid: • Functional Semiotics • Instrumental Clinical Diagnostics • Gozzo • Thyroiditis
2	Parathyroid: • Instrumental Clinical Diagnostics • Hyperparathyroidism • Hypoparathyroidism

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE III

Prof. SALVATORE VIENI - Sede HYPATIA, - Sede HYPATIA

SUGGESTED BIBLIOGRAPHY

R. Bellantone – G. De Toma – M. Montorsi: Chirurgia Generale - Ed. Minerva Medica
Sabiston: Trattato di chirurgia. Le basi biologiche della moderna pratica chirurgica. A. Delfino Ed.
R. Dionigi: Chirurgia, Basi Teoriche e chirurgia generale. Ed. Elsevier

AMBIT	20949-Attività formative affini o integrative
INDIVIDUAL STUDY (Hrs)	30
COURSE ACTIVITY (Hrs)	20

EDUCATIONAL OBJECTIVES OF THE MODULE

The module aims to help the student develop a reasoning and working method based on evidence scientific and rational and critical use of information collected with the physical examination of the patient, with the methodologies instrumental and laboratory. The student will learn the method of approach to the patient affected by the main pathologies and / or syndromes of interest surgery, using the most important diagnostic methods in a correct and critical way, from the least invasive to the most invasive, in light of the cost / benefit ratio, useful premise for the subsequent integrated courses.

SYLLABUS

Hrs	Frontal teaching
4	Physical examination of the abdomen
4	Obstructive jaundice.
4	Gallbladder's calculosis and Cholecystitis.
3	Gastrontestinal bleeding.
3	Bowel obclusions.
2	Acute and chronics pancreatitis