



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2020/2021		
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
	SCIUME' CARMELO	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
	GRACEFFA GIUSEPPA	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	<p>D'ARPA FRANCESCO Tuesday 15:00 16:00</p> <p>DI BUONO GIUSEPPE Tuesday 14:00 17:00 Stanza del docente presso Azienda Ospedaliera Universitaria Policlinico "P. Giaccone" via L. Giuffrè, 5 - Palermo</p> <p>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)</p> <p>GRACEFFA GIUSEPPA Monday 13:00 14:00 Istituto di Chirurgia Generale ad Indirizzo Oncologico</p> <p>GRASSI NELLO Tuesday 08:00 10:00 Studio prof. Grassi, presso Dipartimento di Oncologia, piano terra.</p> <p>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</p>		

	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.
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DOCENTE: Prof. CARMELO SCIUME'- 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	<p>Knowledge and understanding.</p> <p>At the end of the course the student will:</p> <ul style="list-style-type: none">- 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. <p>Applying knowledge and understanding.</p> <p>Students will spend the knowledge acquired during the course directly into employment.</p> <p>Making judgments.</p> <p>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.</p> <p>Learning ability.</p> <p>Ability to continuously updated through the knowledge of the arrangements for consultation and interpretation of information sources (publications scientific data, databases and IT resources).</p>																					
ASSESSMENT METHODS	<p>Oral test,</p> <p>Mark out of thirty, Evaluation, with the following criterion of the mark allocation:</p> <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.
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TEACHING METHODS	Lessons																					

DOCENTE: Prof. SALVATORE VIENI- Sede HYPATIA

PREREQUISITES	None
LEARNING OUTCOMES	Knowledge and understanding. Capacity of Learning and comprehension of the topics treated during the teaching program even through the use of seminars.
ASSESSMENT METHODS	Oral exam aimed to verifying the competences and skills to be acquired at the end of the course. The purpose of the question is to verify knowledge of the teaching contents as well as analytical and expository skills. The more the student can interact with the examiner showing mastery of Language of the specific subject matter, and ability to convey his/her knowledge of the topics, the more the evaluation will be positive. The latter will be expressed in a range from 18 to 30-30 with honour marks.
TEACHING METHODS	Frontal teaching

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE III

Prof. CARMELO SCIUME' - 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 6 EDIZIONE
- SLIDES DELLE LEZIONI DEL DOCENTE
- PUBMED per integrazione in letteraturas scientifica

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 provide the student with the basic knowledge of the main topics of surgical pathologies of the alimentary canal and abdominal wall. Particular attention is paid to inflammatory and tumor diseases of the alimentary canal which are interconnected with the alteration of the intestinal microbial flora (microbiota).

MODULE **SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE II**

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

SUGGESTED BIBLIOGRAPHY

1. R. Bellantone, G. De Toma, M. Montorsi. Chirurgia Generale. Ed. Minerva Chirurgica.
2. S. De Franciscis et al. Semeiotica e metodologia chirurgica. Ed. Idelson-Gnocchi.
3. R. Dionigi. Chirurgia. Basi teoriche e chirurgia generale. Quinta Ed. 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

LEARNING EXPECTED RESULTS:

Knowledge and understanding

The student's duties at the end of the course:

- know the theoretical principles underlying the clinical method and evidence-based medicine of surgical pathologies.
- properly assess the full clinical history of a surgical patient.
- relate with the patient in the most 'different conditions both in elective and urgency.
- learn how to perform a correct and complete physical examination of the patient, including both the general and systemic aspects of individual organs and systems.
- detect and critically interpret the main signs and symptoms of surgical diseases.
- be able to identify the most 'correct and appropriate diagnostic clinical and instrumental path.
- Capacity 'to apply knowledge and understanding

ECTS grade Italian Grade Grade descriptors

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
10	Breast: semeiotics, clinical and instrumental diagnosis of the breast, birth defects and development abnormalities, inflammation of the breast, breast dysplasia.
5	Neck: swellings, cyst and fistulas.
10	Thyroid gland: semeiotics of thyroid diseases, clinical and instrumental diagnosis, goiter, thyroiditis.
5	Parathyroid glands: clinical and instrumental diagnosis, hyper-parathyroidism, hypo-parathyroidism.

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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Semiotics • Instrumental clinical diagnostics in senology • congenital and developmental abnormalities Malformations • breast Inflammatory diseases • mammary dysplasia
2	Neck: <ul style="list-style-type: none"> • swelling • Cysts and fistulas
2	Thyroid: <ul style="list-style-type: none"> • Functional Semiotics • Instrumental Clinical Diagnostics • Gozzo • Thyroiditis
2	Parathyroid: <ul style="list-style-type: none"> • Instrumental Clinical Diagnostics • Hyperparathyroidism • Hypoparathyroidism

MODULE
SURGERY PROPAEDEUTICS AND SYSTEMATICS - MODULE III

Prof. SALVATORE VIENI - Sede HYPATIA, - Sede HYPATIA

SUGGESTED BIBLIOGRAPHY

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