



PLASTIC AND RECONSTRUCTIVE SURGERY

Enrollment year	2019/2020
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/19 (PLASTIC SURGERY)
Department	DEPARTMENT OF CLINICAL-SURGICAL, DIAGNOSTIC AND PEDIATRIC SCIENCES
Course	ORTHOPAEDICS TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	(01/03/2021 - 18/06/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	NICOLETTI GIOVANNI - 2 ECTS
Prerequisites	The student should know Physiology, General Pathology and Anatomy.
Learning outcomes	<p>The Plastic Surgery body of knowledge is founded on solid biological and anatomical bases and involves a huge variety of clinical scenarios the health professional has to face in her/his everyday practice.</p> <p>The scope of the course is to build a solid knowledge that would allow the health professional to recognize and understand the wide spectrum of pathologies that require the Plastic Surgery expertise.</p>
Course contents	<p>1 Wound healing and scar pathology</p> <p>2 Techniques of suture</p> <p>3 Grafts</p> <p>4 Transplants</p> <p>5 Implants</p> <p>6 Advanced technologies in Plastic Surgery:</p>

- a VAC therapy
- b LASER and IPL
- c Radiofrequencies
- d Ultrasounds
- 7 Skin tumours
 - a Basal cell carcinoma
 - b Squamous cell carcinoma
 - c Melanoma
- 8 Principles of oncological reconstructive surgery:
 - a Breast reconstruction
 - b Head and neck reconstruction
 - i. Scalp and forehead reconstruction
 - ii. Eyelid reconstruction
 - iii. Nose reconstruction
 - iv. Ear reconstruction
 - v. Lip reconstruction
 - vi. Reconstruction of the oral cavity
 - vii. Mandible reconstruction
- 9 Burns
- 10 Soft tissue trauma (compartment syndrome)
- 11 Soft tissue infectious diseases (necrotizing fascitis)
- 12 Principles of hand surgery:
 - a Functional anatomy of the hand
 - b Nerve compression syndromes
 - c Tendon injuries
 - d Dupuytren
 - f Chronic tenosynovitis
 - g Hand reconstruction
- 13 Hemangiomas and vascular malformations
- 14 Facial reanimation
- 15 Difficult to heal wounds
- 16 Congenital pathology:
 - a Craniofacial malformations and syndromes (cleft lip and palate, craniosynostosis, craniofacial syndromes, craniofacial clefts)
 - b Congenital anomalies of the hand
 - c Genital malformations and reconstruction
- 17 Aesthetic surgery

Teaching methods

Interactive lessons.

Reccomended or required readings

Angela Faga. CHIRURGIA PLASTICA - RICOSTRUTTIVA ED ESTETICA. Terza Edizione. Elsevier-Masson.

Assessment methods

The exam is oral and is based upon the whole program. When preparing the exam, the student should refer to both the lessons and the textbook. The oral dissertation is based on the approach to a clinical case, it should be organized with logical order moving from the general to the particular and it should be supported by solid arguments, in a correct Italian language with the appropriate use of medical terminology.

Further information

The exam is oral and is based upon the whole program. When preparing the exam, the student should refer to both the lessons and the textbook. The oral dissertation is based on the approach to a clinical

case, it should be organized with logical order moving from the general to the particular and it should be supported by solid arguments, in a correct Italian language with the appropriate use of medical terminology.

**Sustainable development
goals - Agenda 2030**

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