



### PLASTIC AND RECONSTRUCTIVE SURGERY

Anno immatricolazione	2017/2018
Anno offerta	2021/2022
Normativa	DM270
SSD	MED/19 (CHIRURGIA PLASTICA)
Dipartimento	DIPARTIMENTO DI MEDICINA MOLECOLARE
Corso di studio	MEDICINA E CHIRURGIA (IN LINGUA INGLESE)
Curriculum	PERCORSO COMUNE
Anno di corso	5°
Periodo didattico	Secondo Semestre (01/03/2022 - 03/06/2022)
Crediti	2
Ore	16 ore di attività frontale
Lingua insegnamento	English
Tipo esame	ORALE
Docente	NIOLETTI GIOVANNI (titolare) - 2 CFU TRESOLDI MARCO MARIO - 0 CFU
Prerequisiti	The student should know general Pathology and Anatomy.
Obiettivi formativi	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. 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.
Programma e contenuti	1 Wound healing and scar pathology 2 Techniques of suture 3 Grafts 4 Transplants 5 Implants 6 Advanced technologies in Plastic Surgery:

- 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 disease
  - 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

#### Metodi didattici

The new course organization is based upon a solid pact between teachers and students and is founded on the mutually responsible interpretation of the University Credit, the unit of measurement of work students and teachers are required to undertake: teachers and students therefore actively work together for a common objective. The new on-line approach through the KIRO website provides the theoretical bases of the course.

The students are expected to study the topic prior to the lesson as the latter is conceived as an interactive development of the students' knowledge. Therefore, the University Credit starts with the students' contribution (individual preliminary study) and is then followed by the teacher's one (the interactive lesson).

#### Testi di riferimento

Angela Faga. CHIRURGIA PLASTICA - RICOSTRUTTIVA ED ESTETICA. Third Edition. Elsevier-Masson.

	Thorne C.H. Grabb and Smith's PLASTIC SURGERY. 7th edition. Wolters Kluwer - Lippincott Williams & Wilkins
<b>Modalità verifica apprendimento</b>	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 effective 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 English language with the appropriate use of medical terminology.
<b>Altre informazioni</b>	Optional interactive hands-on practical courses. Small group hands-on practical courses on the basic techniques of surgical practice.
<b>Obiettivi Agenda 2030 per lo sviluppo sostenibile</b>	