



EMERGENZE MEDICO CHIRURGICHE

6 CFU - 1° Semester

Teaching Staff

GAETANO BERTINO - Module Emergency Medicine - MED/09 - 2 CFU

Email: gaetanobertinounict@gmail.com

Office: Policlinico, UOS di Epatologia, Padiglione n.4 piano 4

Phone: 0953781573

Office Hours: martedì, 12.30-13.30

GUIDO BASILE - Module Emergency Surgery - MED/18 - 2 CFU

Email: gbasile@unict.it

Office: Policlinico (edificio 1) - Via S. Sofia - Catania

Phone: 095-3782918 ; 3391799591

Office Hours: Su appuntamento, richiesto dallo studente inviando una e-mail

MARINELLA ASTUTO - Module Anesthesiology and Intensive Care - MED/41 - 2 CFU

Email: astmar@tiscali.it

Office: pad.3/pad.1 via santa sofia

Phone: 0953781117/0953782342/0953782307

Office Hours: tutti i giorni tranne il sabato 8.00 9.00

DETAILED COURSE CONTENT

▪ Emergency Medicine

- Chest pain and dyspnea
- Clinical and nosographic coma
- The diabetic comas
- The hypoglycemic
- Encephalopathy and hepatic coma
- Blood gas analysis
- Alterations of acid-base and electrolyte
- Syncope
- Stroke
- Acute Myocardial Infarction (AMI)

- Cardiogenic shock
- Acute pulmonary edema
- Hypertensive crisis
- Heart failure
- Cardiopulmonary arrest - BLS/D
- Pulmonary embolism
- Bronchial asthma
- Adult Respiratory Distress Syndrome (ARDS)
- Over dose of opiates and hallucinogens
- Crisis opiate withdrawal and hallucinogens
- Shock (anaphylactic, cardiogenic, hypovolemic, septic)

▪ **Emergency Surgery**

Abdominal trauma - Intestinal obstruction . Acute peritonitis - Acute appendicitis - Acute cholecystitis - Acute pancreatitis - Diverticular disease - Gastrointestinal bleeding

▪ **Anesthesiology and Intensive Care**

- Anesthesiological risk, anesthesia and preoperative medicine
 - Triage and maxi-emergencies
 - The patient with cardio-respiratory arrest (BLS-D, PBLIS)
 - Routes of drug delivery in emergency
 - The asphyxiated patient (from a foreign body)
 - Sepsis
 - Medical emergencies and resuscitative approach
 - Poisonings
 - Psychiatric emergencies
 - Environmental emergencies (burns, electrocutions, drowning)
 - Trauma
 - Brain death
 - Acute post-operative pain
 - Pain pathways
 - Pathophysiology of pain
 - Pain classification and pain assessment scales
 - Analgesia and sedation in emergency
 - Pharmacological and non-pharmacological therapy of pain
 - 38/2010 Law
 - Practical activity (BLS, PBLIS, venous access, ventilation with ambu ball, acLS)
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TEXTBOOK INFORMATION

- **Emergency Medicine**

- **Medicina di Emergenza e di Pronto Soccorso**

- Autors : Mario G. Balzanelli - Antonio Gullo, CIC Edizioni Internazionali**

- **Medicina d'Urgenza**

- Autors: Anthony F.T. Brown - Michael D. Cadogan, Verducci Editore**

- **Harrison - Principi di Medicina Interna, Il Manuale - Edizione Italiana - Mc Graw-Hill**

- **Guida Illustrata delle Emergenze**

- Autor: Maurizio Chiaranda, Piccin Editor**

- **Emergency Surgery**

- 1) Dionigi - Chirurgia - Edizioni Elsevier

- 2) D'Amico - Chirurgia Generale - Edizioni Piccin

- 3) Staudacher - Chirurgia d'Urgenza - Edizioni Masson

- **Anesthesiology and Intensive Care**

- Manuale di medicina di emergenza e di pronto soccorso

- Autori: Mario Giosuè Balzanelli, Antonino Gullo

- Editore: CIC Edizioni Internazionali
