

ANESTHESIOLOGY AND EMERGENCY TREATMENT (OPR190)

1. language

Italian.

2. course contents

Coordinator: Prof. MODESTI CRISTINA

Academic Year: 2022/2023

Year Course: III

Semester: 2°

UFC: 4

Modules and lecturers:

ANESTHESIOLOGY AND EMERGENCY TREATMENT (OPR191) - 4 UFC - ssd MED/41

Prof. Cristina Modesti

3. bibliography

G. Manani, E. Facco, G. Zanette: "Anestesia Odontoiatrica ed Emergenze" III ed. (2011) Idelson Gnocchi

J.A. Baarth, H.S.Brand: "L'anestesia locale in odontoiatria" 2010 ed. Tecniche Nuove

4. learning objectives

Knowledge and understanding (Dublin 1)

At the end of the course, the student must demonstrate knowledge of the basic principles of Anesthesia and Resuscitation especially in Dentistry; he/she has to know adequately the drugs and techniques of locoregional dental anesthesia, indications, risks and safety levels of each technique, as well as to recognize and treat anxiety and pre-intra and postoperative pain.

He/she will also have to possess the basics of Basic Life Support-Early Defibrillation (BLS-D), as practical training sessions are provided.

Applying knowledge and understanding (Dublin 2)

At the end of the course, the student will know the basics of general and locoregional anesthesia, indications, relative and absolute risks and safety levels of the different techniques; this knowledge will allow him/her to better understand the role of the Anesthesiologist and Resuscitator, to support him/her in the management of the patient who needs sedo/anesthesia and to correctly recommend the anesthetic indications, as well as to adopt the protocols of anxiety and pain control most suitable for different types of patients.

Making judgements (Dublin 3)

At the end of the course, the student must demonstrate that he/she has gathered the interdisciplinary approach of the course by integrating the knowledge acquired, in order to be able to exercise the profession independently and responsibly.

Communication skills (Dublin 4)

The student must demonstrate that he/she has acquired adequate scientific terminology and the ability to clearly explain his/her knowledge to specialist and non-specialist interlocutors.

Learning skills (Dublin 5)

At the end of the course the student will have to demonstrate that he/she is able to update and expand his/her knowledge by independently drawing on texts, scientific articles, online platforms and databases.

5. PREREQUISITES

Prerequisites:

Pharmacology

Human Diseases and Emergencies

6. teaching methods

The teacher will give lectures in which the basic knowledge of the teaching subjects will be addressed.

In the event that, due to the persistence of the Covid-19 emergency, it is impossible to provide face-to-face teaching, it will be necessary to provide online teaching fees at a distance.

7. other informations

The teacher is available for information on the Course and clarifications on the lessons by appointment, at the end of the lessons or by e-mail.

8. methods for verifying learning and for evaluation

The exam will carry out orally.

The final exam will focus on the contents of the course module. The preparation of the student will be evaluated with questions aimed to verifying knowledge and autonomy of judgment regarding the topics covered, and learning abilities.

The maximum score (expressed out of thirty) will derive from the average of the scores obtained in the oral exam and from the judgment of the examination commission, taking into account all the skills and objectives required by the Course.

9. program

Anesthesiology and Emergency treatment <OPR 191>

- *[Preoperative Patient Assessment and Risk Stratification]*
- *[Principles of General and Locoregional Anesthesia]*
- *[Anatomy in Dentistry of anesthetic interest]*
- *[Elements of pharmacokinetics and pharmacodynamics]*
- *[Local anesthetics and vasoconstrictors]*
- *[Anxiolytics and analgesics]*
- *[Venous cannulation techniques]*
- *[Anxiety and pain in dentistry]*
- *[Anxiolysis and analgesia]*
- *[Inhalatory sedation and equipment for its administration]*
- *[Hypnosis in dentistry]*
- *[Pediatric patient]*
- *[Elderly patient]*
- *[Patient with disabilities]*
- *[The injection technique]*
- *[Tools of locoregional anesthesia]*
- *[Non-truncular anesthesia]*
- *[Blocks of the jaw]*
- *[Blocks of the upper jaw]*
- *[Local complications from locoregional anesthesia]*
- *[Medical emergencies in dentistry]*
- *[Altered states of consciousness]*
- *[Respiratory emergencies]*
- *[Convulsions]*
- *[Cardiocirculatory emergencies]*
- *[Adverse drug reactions]*

- *[Upper airway obstructions]*
- *[Medicines and emergency tools]*
- *[Cardiorespiratory resuscitation]*
- *[Emergency tools in the dental clinic]*