



**FACULTATEA DE STOMATOLOGIE
CATEDRA DE CHIRURGIE OMF ȘI IMPLANTOLOGIE
ORALĂ „A.GUȚAN”**

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**STATE UNIVERSITY OF MEDICINE AND PHARMACY
„NICOLAE TESTEMIȚANU”
FACULTY OF STOMATOLOGY
DEPARTMENT OF ORAL AND MAXILO-FACIAL SURGERY
AND ORAL IMPLANTOLOGY 'ARSENIE GUȚAN'”**

Teaching guides

Discipline: MEDICAL AND SURGICAL EMERGENCIES IN DENTISTRY
Discipline type: Compulsory
Discipline code: S.08.O.076

Year IV, semester VIII



**Teaching Guide Nr. 1
(year IV, semester VIII)**

**Topic: Preoperative Evaluation of the Patient in Dental Practice.
First Aid Kit.**

Workplace: Clinical Bases of the Department.

Purpose of the Work: To understand the criteria for preoperative evaluation of the patient in dental practice.

Training Format and Duration: lecture and practical work, 225 minutes.

Control Questions

1. Assessment of anesthetic and operative risk in the dental office.
2. The International Classification of Anesthetic Risk - ASA.
3. Assessment of the patient's functional status.
4. Managing patient anxiety.
5. Laboratory tests and their interpretation.
6. Risk factors for medical emergencies.
7. First aid kit: equipment, devices, and medications.

Bibliography

1. Lecture materials
2. Băciuț G. Urgențe medico-chirurgicale în stomatologie. Cluj-Napoca: Editura Medicală Universitară “Iuliu Hațieganu”, 2002.
3. Bucur A., Cioacă R. Urgențe și afecțiuni medicale în cabinetul stomatologic: note de curs. București: Editura Etna, 2004.
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7. Hupp James R., Ellis III Edward, Tucker Myron R. Contemporary Oral and Maxillofacial Surgery. Fifth Edition. Mosby Elsevier, 2008.
8. Koerner Karl R. Manual of Minor Oral Surgery for the General Dentist. Blackwell Munksgaard, 2006.
9. Moore U. J. Principles of Oral and Maxillofacial Surgery. Sixth Edition, Wiley-Blackwell, 2011.
10. Peterson Larry. Principles of Oral and Maxillofacial Surgery. Second Edition, BC Decker Inc, 2004.



**Teaching Guide Nr. 2
(year IV, semester VIII)**

Topic: Respiratory emergencies.

Workplace: Clinical Bases of the Department.

Purpose of the Work: To know the triggers and management of respiratory crises

Training Format and Duration: lecture and practical work, 225 minutes.

Control Questions

1. Bronchial asthma crisis: etiology, clinical picture, diagnosis, treatment.
2. Acute respiratory failure: definition, etiology.
3. Clinical picture of partial obstruction.
4. Clinical picture of total obstruction.
5. Providing medical assistance in case of partial obstruction.
6. Providing medical assistance in case of total obstruction.

Bibliography

1. Lecture materials
2. Băciuț G. Urgențe medico-chirurgicale în stomatologie. Cluj-Napoca: Editura Medicală Universitară “Iuliu Hațieganu”, 2002.
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9. Moore U. J. Principles of Oral and Maxillofacial Surgery. Sixth Edition, Wiley-Blackwell, 2011.
10. Peterson Larry. Principles of Oral and Maxillofacial Surgery. Second Edition, BC Decker Inc, 2004.



**Teaching Guide Nr. 3
(year IV, semester VIII)**

Topic: Cardiovascular Emergency.

Workplace: Clinical Bases of the Department.

Purpose of the Work: To know the triggering factors and management of cardiovascular emergencies.

Training Format and Duration: lecture and practical work, 225 minutes.

Control Questions

1. Angina pectoris crisis: definition, etiology, and clinical picture.
2. Acute myocardial infarction: definition, etiology, and clinical picture.
3. Differential diagnosis between angina pectoris crisis and acute myocardial infarction.
4. Treatment algorithm for patients with angina pectoris crisis.
5. Treatment algorithm for patients with acute myocardial infarction

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1. Lecture materials
2. Băciuț G. Urgențe medico-chirurgicale în stomatologie. Cluj-Napoca: Editura Medicală Universitară “Iuliu Hațieganu”, 2002.
3. Bucur A., Cioacă R. Urgențe și afecțiuni medicale în cabinetul stomatologic: note de curs. București: Editura Etna, 2004.
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9. Moore U. J. Principles of Oral and Maxillofacial Surgery. Sixth Edition, Wiley-Blackwell, 2011.
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**Teaching Guide Nr. 4
(year IV, semester VIII)**

Topic: Allergic Emergency in Dentistry.

Workplace: Clinical Bases of the Department.

Purpose of the Work: To know the triggering factors and management of allergic emergencies.

Training Format and Duration: lecture and practical work, 225 minutes.

Control Questions

1. Allergy and allergens. General concepts. Allergenic materials. Routes of allergen entry into the body.
2. Classification of allergic reactions.
3. Urticaria: definition, clinical picture, diagnosis, treatment.
4. Quincke's edema: definition, clinical picture, diagnosis, treatment.
5. Anaphylactic shock: definition, etiological factors, pathophysiological mechanisms, clinical picture, diagnosis, treatment.

Bibliography

1. Lecture materials
2. Băciuț G. Urgențe medico-chirurgicale în stomatologie. Cluj-Napoca: Editura Medicală Universitară "Iuliu Hațieganu", 2002.
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**Teaching Guide Nr. 5
(year IV, semester VIII)**

Topic: Cardio-Respiratory Resuscitation

Workplace: Clinical Bases of the Department.

Purpose of the Work: To know the steps of cardio-respiratory resuscitation.

Training Format and Duration: lecture and practical work, 225 minutes.

Control Questions

1. Chain of survival in adults.
2. Basic Life Support (BLS): definition, components.
3. Chest compressions: landmarks, rescuer's position, hand position, patient's position, compression rate and depth.
4. Methods of maintaining airway patency: head hyperextension, Safar's three-step maneuver, Esmarch maneuver.
5. Methods of checking breathing.
6. Methods of checking circulation.
7. Advanced Life Support (ALS): definition, components.
8. Defibrillation. Types of defibrillators. Preventive measures. Electrode placement.
9. Cardiac rhythms (shockable, non-shockable) and their treatment.
10. Post-resuscitation treatment.

Bibliography

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