

**Name of the course**

First Aid

**Department in which the class is performed**

Chair of Surgery

**Department address**

KBC Sestre milosrdnice, Vinogradska 29, HR-10000 Zagreb

**Status of the class**

Elective

**Study year in which the class is performed**

1<sup>st</sup> year

**Semester in which the class is performed**

Summer semester

**ECTS number**

1 ECTS

**Course leader**

Prof. Dinko Vidović, MD, PhD

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**Other lecturers**

Assist.prof. Zvonimir Puljiz, MD, PhD [puljiz.zvonimir@gmail.com](mailto:puljiz.zvonimir@gmail.com)

Suzana Janković, MD [suzana.jankovic33@gmail.com](mailto:suzana.jankovic33@gmail.com)

**Number of class hours**

	Winter semester	Summer semester	Combined (both semesters)
<b>Lectures</b>	-	4	4
<b>Seminars</b>	-	-	-
<b>Practicals</b>	-	11	11
<b>Total</b>	-	15	15

1 hour = 45 minutes

**Type of practicals**

Preclinical practicals

**Aim and purpose of the class**

The aim of the course is to provide students with theoretical and practical knowledge of first aid, which will be useful in their future work with patients as well as in everyday life.

### Prerequisites for enrolling in the course

There are no prerequisites for enrolling in this course for first-year students of the integrated undergraduate and graduate study program in Dental Medicine. The course is elective, and students may choose to enroll in it at their own request.

### Learning outcomes at the level of the Integrated Undergraduate and Graduate Study Program in Dental Medicine to which the course contributes:

- ☐ Knowledge, skills, and competences related to professionalism, ethics, and law
- ☐ Knowledge, skills, and competences related to communication and social skills
- ☐ Knowledge, skills, and competences related to basic knowledge and the ability to gather information from the literature
- ☒ Knowledge, skills, and competences related to collecting clinical information
- ☒ Knowledge, skills, and competences related to diagnosis and treatment planning
- ☐ Knowledge, skills, and competences related to therapy, establishment, and maintenance of oral health
- ☐ Knowledge, skills, and competences related to preventive measures and health promotion

### Expected learning outcomes

#### Knowledge

1. Explain when and how to approach a patient and when to transport them
2. List the essential first aid equipment at the scene of an accident
3. Identify the types of injury mechanisms
4. Describe the sequence of steps in the primary assessment of an injured person
5. Explain the airway opening technique using the jaw lift method
6. Explain the procedure for assessing circulation
7. Explain the use of an oropharyngeal airway
8. Explain ventilation methods

#### Skills

1. Provide first aid to an injured person

### Course content

#### Lectures

	Lecture topics in the summer semester	Number of hours
1	Emergency conditions	1
2	Emergency interventions	1
3	Accidental conditions	1
4	Intoxications	1

1 hour = 45 minutes

**Practicals**

	<b>Practicals topics in the summer semester</b>	<b>Number of hours</b>
<b>1</b>	Basic procedures and first aid measures in sudden loss of consciousness	1
<b>2</b>	Procedures for opening and maintaining airways in unconscious patients	1
<b>3</b>	Triage, urgency of transport	1
<b>4</b>	Wound management, methods of bleeding control	1
<b>5</b>	Application of bandages and splints (immobilization with improvised and standard means)	1
<b>6</b>	Heimlich maneuver	1
<b>7</b>	Cardiac massage technique	1
<b>8</b>	First aid for drowning	1
<b>9</b>	First aid in traffic accidents	1
<b>10</b>	Cardiac massage technique	1
<b>11</b>	Principles of resuscitation	1

1 hour = 45 minutes

**Student obligations**

Students are required to attend classes regularly and actively participate during practical exercises.

**Student performance assessment**

During the course, students' performance is monitored through attendance records and the assessment of practical and theoretical knowledge during exercises.

**Mode of assessment/exam**

The exam is taken in written form, by answering multiple-choice questions with one correct answer. If students do not accept the grade from the written exam, they will be given the opportunity to take the oral part of the exam.

**Dates of examinations**

	Additional examination sessions.			Regular examination period – Winter	Additional examination sessions.		Regular examination period – Summer		Regular examination period – Fall	
	November	December	January	February	April	May	June	July	August	September
Date(s)							18.6.2025 25.6.2025	9.7.2026		2.9.2026 9.9.2026. 16.9.2026

**Required readings/**

- PDF and Power point documents provided by the lecturers.

Additional recommended readings/literature