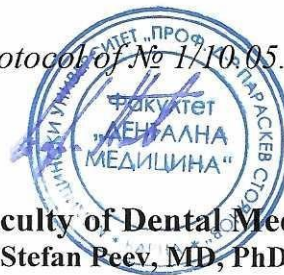




**MEDICAL UNIVERSITY**  
**“PROF. DR. PARASKEV STOYANOV” - VARNA**  
**FACULTY OF DENTAL MEDICINE**

*Approved with a Protocol of № 1/10.05.2022г.*

**Approved:**  
**DEAN of Faculty of Dental Medicine:**  
*/ Prof. Stefan Peev, MD, PhD, DSc/*



**EDUCATIONAL PROGRAMME**  
**OF**  
**ELECTIVE DISCIPLINE**  
**“DENTAL PHOTOGRAPHY”**

**Specialty “DENTAL MEDICINE”, English programme**  
**Educational-qualification degree “MASTER”**  
**Professional qualification “PHYSICIAN IN DENTAL MEDICINE”**

	<b>Semester</b>	<b>Horarium weekly</b>	<b>Total horarium</b>
<b>Lectures</b>	<b>II</b>		<b>15</b>
<b>Exercises</b>			
			<b>15</b>
<b>Total</b>			
<b>Monitoring and evaluation forms</b>	<b>Current control</b>		<b>Exam – II semester</b>
<b>Credits ( ECTS )</b>			<b>2</b>
<b>Extracurricular employment</b>			<b>45</b>

**Varna, 2022**

## **Annotation**

Discipline aims to present and explain to the students the methodology of dental photography and its application in general and dental medicine.

Issues of the origin, development and application of dental photography in dental and general medicine are considered. Students get acquainted with the specificity of photography, basic and additional equipment, the importance of light and light sources, types of cameras, photographic techniques, photographic standards in dentistry.

## **Forms of training, control and assessment**

Discipline training includes a series of lectures.

The control is performed at the end of the lecture cycle, through a test consisting of 15 questions with four answers. One question can have 1 to 3 correct answers. 0.25 is deducted for each omission or wrong answer.

The final grade is formed according to formula 1, with an excellent 6 subtracting the product from the number of omissions (P) and the coefficient 0.25.

$$\text{Score} = 6 - 0.25 \times P$$

## **Evaluation criteria**

The way of forming the assessment allows to assess:

- handling specific terminology;
- understanding the material of the discipline;
- practical skills and handling of equipment;

## **Topic plan of lectures and exercises**

### **LECTURE TOPICS:**

1. Photography - definition, history, development and perspectives. Medical and Dental Photography - 2 hours;
2. Analog and Digital photography advantages and disadvantages - 1 hour;
3. Types of cameras used in Dental Photography. Technical characteristics - photographic jargon. Tools and accessories in Dental Photography. - 3 hours;
4. Macro photography. Dental standards. Basic techniques and tricks, framing, positioning. - 2 hours;
5. Specific dental standards of documentation. Communication with dental lab. Product photography. - 2 hours;
6. Storage and archiving. Specific application of dental photography in dentistry, work with filters. - 1 hour;
7. Mobile dental photography 4 hours (this is changed)

## **References**

- 1. Bengel W. Mastering Digital Dental Photography. 2nd ed. Chicago, IL:Quintessence; 2006**
- 2. Ratcliff S. Digital Dental Photography A Clinician's Guide. The L.D. Pankey Dental Foundation, Inc. 2004.**
- 3. Goldstein RE. Esthetics in Dentistry. Vol 1: Principles, Communication, Treatment Methods, ed 2. Ontario: BC Decker, 1998.**
- 4. Loiacono P. Pascoletti P. Photography in Dentistry theory and Technic in Modern Dentistry, ed S.r.l. Quintessence , 2012.+**
- 5. Freedman, G. Contemporary Esthetic Dentistry; Elsevier Inc. 2012. +**
- 6. Хагинг Дж. Фотография цялата история**
- 7. CHRISTENSEN Cj. Important clinical uses for digital photography**
- 8. Jacobson N. Bender W. Color as a determined communication**