

SYLLABUS			
Part A-Description of the subject of education			
Name of the module / course:	<b>Orthodontics</b>	Module code	<b>O</b>
Department:	<b>Dentistry</b>		
Field of study:	<b>Dentistry</b>		
Specialties:			
Level of study	First degree    second degree <input checked="" type="checkbox"/> third degree    graduate		
Type of study	stacjonarne <input checked="" type="checkbox"/> niestacjonarne		
Year of study:	<b>V</b>	Semester:	<b>X</b>
Type of the module / course	Obligatory <input checked="" type="checkbox"/> faculty		
Type of module / course	general education    basic    directional <input checked="" type="checkbox"/>		
Language teachers:	Polish    foreign <input checked="" type="checkbox"/> (ED)		
<b>Form of training</b>		<b>Hours</b>	
Lecture		15	
Seminar			
Exercises			
Clinical training			
Practical training		<b>X (45hours)</b>	
Apprenticeships			
E-learning			
Other		35	
<b>Total</b>		<b>95</b>	
<b>Educational goals:</b>			
<b>C 1. The transfer of knowledge in the field of fixed archwire appliances.</b>			
<b>C 2. The transfer of knowledge in the field of extraction treatment.</b>			
<b>C 3. The transfer of knowledge in the field of treatment of two-stage step-functional.</b>			
<b>C 4. The transfer of knowledge in the field of surgical orthodontic treatment of occlusal and gnathic defects</b>			
<b>C 5. The transfer of knowledge in the field of prosthetic-orthodontic treatment and periodontal-orthodontic.</b>			
<b>C 6. The transfer of knowledge in the field of treatment of craniofacial malformations - congenital defects and cleft.</b>			

**C 7. The transfer of knowledge in the field of treatment of mesial and distal malocclusions, vertical and lateral.**
**The matrix of learning outcomes for the module / course in relation to the verification methods and the intended learning outcomes of the course form.**

Number of training effect	A student who credited module (object) knows / can:	Verification methods to achieve the desired learning outcomes:	Form of teaching: * the symbol
<b>W 01</b>	Knows fixed appliances: A. Types of brackets, B. Types of arches.	verbal test	ZP
<b>W 02</b>	Knows fixed appliances: methods of bonding, instruments.	verbal test	ZP
<b>W 03</b>	Knows fixed appliances: phases of treatment, retention.	verbal test	ZP
<b>W 04</b>	Knows extraction treatment: indications — evaluation of facial, dental examination, diagnostic indicators of models, types of extraction.	verbal test	ZP
<b>W 05</b>	Knows two-phase treatment: functionally-active (beginning time, the methods of treatment in the individual phases).	verbal test	ZP
<b>W 06</b>	Knows orthodontic-surgical treatment of malocclusions and gnathic disorders (preoperative preparation, types of orthognatic procedures).	verbal test	ZP
<b>W 07</b>	Knows the prosthetic-orthodontic treatment (orthodontic preparation	verbal test	ZP

	for prosthetic treatment) and periodontal-orthodontic treatment (modern aspects of multidisciplinary treatment).		
<b>W 08</b>	Knows the treatment of congenital diseases - syndromes	verbal test	ZP
<b>W 09</b>	knows craniofacial malformations treatment - clefts	verbal test	ZP
<b>W 10</b>	The modern types of treatment of mesial and distal malocclusions	verbal test	ZP
<b>W 11</b>	The modern types of treatment of vertical malocclusions	verbal test	ZP
<b>W 12</b>	The modern types of treatment of transverse malocclusions	verbal test	ZP
* W- lecture; S- seminar; Ć- exercise; EL- e-learning; ZP- practical part; PZ- professional practice;			
Please mark crosses on a scale 1-3 as above effects invest the state address in the following departments: the transfer of knowledge, skills and shaping attitudes such as: Knowledge + + + Practical skills + + Basics +			
<b>Student workload (balance ECTS credits)</b>			

The form of student workload (attendance, activity, test preparation, etc.)	Student's load (h)
1. Contact hours	<b>45</b>
2. Student's own work time	<b>45</b>
Total load of student	<b>90</b>
<b>ECTS credits per module / course</b>	<b>3</b>
Notes	
<p>Course content:</p> <ol style="list-style-type: none"> <li>Fixed appliances: <ol style="list-style-type: none"> <li>Types of brackets,</li> <li>Types of arches</li> </ol> </li> <li>Fixed appliances: <ol style="list-style-type: none"> <li>methods of bonding,</li> <li>instruments</li> </ol> </li> <li>Fixed appliances: <ol style="list-style-type: none"> <li>Phases of treatment,</li> <li>Retention.</li> </ol> </li> <li>Test.</li> <li>Extraction treatment: indications – facial features assessment, dental examination, indexes, types of extractions.</li> <li>Two-stage treatment: functional-active (timing, methods of treatment in different phases).</li> <li>Orthodontic-surgical treatment of malocclusions and gnathic disorders (preoperative preparation, types of orthognatic procedures).</li> <li>Prosthetic-orthodontic treatment (orthodontic preparation for prosthetic treatment) and periodontal-orthodontic treatment (modern aspects of multidisciplinary treatment).</li> <li>Treatment of congenital defects – syndromes.</li> <li>Treatment of congenital defects – clefts.</li> <li>The modern types of treatment of mesial and distal malocclusions</li> <li>The modern types of treatment of vertical malocclusions</li> </ol>	

13. The modern types of treatment of transverse malocclusions.

14. Test.

15. Qualification.

**Basic and supplementary literature and other teaching aids:**

**BASIC HANDBOOKS:**

- An introduction to orthodontics – 3rd Ed. – Laura Mitchell
- Om Prakash Kharbanda – Orthodontics. Diagnosis and Management of Malocclusion and Dentofacial Deformities

**SUPPLEMENTARY LITERATURE:**

- Handbook of Orthodontics – Martyn T.Cobourne, Andrew T.DiBiase, Mosby Ltd. 2010
- Contemporary Orthodontics – W.R. Proffit with H.W.Fields Jr and J.L.Ackerman [et al.] – 3<sup>rd</sup> ed – St Louis: C.V.Mosby 2000
- Orthodontic materials: scientific and clinical aspects/ [ed.by] W.A.Brantley, T.Eliades, foreword by T.M.Grabner – Stuttgart: Thieme, 2001
- Periodics: American Journal of Orthodontics, Angle Orthodontist, Dental and Medical Problems, Ortodoncja Współczesna

Requirements for teaching aids: Computers, multimedia projector, diagnostic kits

Conditions for completing the course: Attendance, completion of partial verification testing knowledge, execution and completion of clinical standards, pass final test

**Name and address of the leading module / object, contact**

(tel./email).....

**Name of persons conducting classes**

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**Signature of the head of the leading classes**

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**Dean signature**

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**Date**.....