

**FACULTY OF DENTAL MEDICINE – SOFIA**  
**ORTHODONTICS DEPARTMENT**

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**P R O G R A M**

**for lectures in ORTHODONTICS – course IV, 8<sup>th</sup> summer semester, academic year 2019 – 2020**

1. Fixed appliances: edgewise and straight wire appliance. Phases of edgewise appliance orthodontic treatment.
2. Myofunctional appliances. Aligners.
3. Etiology of the malocclusions.
4. Discrepancies in tooth number, shape and size. Types, etiology, diagnosis, clinical aspects and treatment.
5. Discrepancies in tooth position. Diastema and tremas – types, etiology, diagnosis, prevention and treatment.
6. Transverse discrepancies in the single dental arch – types, etiology, diagnosis, prevention and treatment.
7. Sagittal discrepancies in the single dental arch: protrusion; retrusion; mesial displacement of posterior teeth – etiology, diagnosis, prevention and treatment.

**HEAD OF ORTHODONTICS DEPARTMENT:**

**(Prof. Laura Andreeva, DDS, MSD, PhD, DSc)**

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**P R O G R A M**

**for practical exercises in ORTHODONTICS – course IV, 8<sup>th</sup> summer semester**

<b>1.</b>	Labial bow elements bending on a pattern.
<b>2.</b>	Retention clasps and spring elements bending on a pattern.
<b>3.</b>	U- and M-loops labial bow bending.
<b>4.</b>	Schwarz's and Adams' clasp bending.
<b>5.</b>	Coffin spring and protrusion spring bending.
<b>6.</b>	Fixation and separation of the wire elements. Acrylic resin application by a lab technician. Trimming the appliance.
<b>7.</b>	Adjustment and placement of the finished appliance. Working bite registration taking for monobloc. Demonstration.
<b>8.</b>	Monobloc wax modelling. Expansion screw placement.
<b>9.</b>	<b>Colloquium</b> – Lingual plate and monobloc (activator).
<b>10.</b>	Wax modelling of Schwarz's appliance.
<b>11.</b>	Demonstration of interceptive appliances – oral screen. Prefabricated interceptive appliances.
<b>12.</b>	Demonstration – space maintainers.
<b>13.</b>	<b>Seminar</b> – Clinical methods of examination.
<b>14.</b>	Introduction to methods of examination. Anamnesis and status. Orthodontic diagnostic records.
<b>15.</b>	Completing orthodontic diagnostic records.

**Head Of Orthodontics Department:**  
**(Prof. Laura Andreeva, DDS,**  
**MSD,PhD, DSc)**