

**PRECLINICAL PROSTHETIC DENTAL MEDICINE
CURRICULUM OF LECTURES,**

**2 year, 3 semester (winter)
15 weeks, 2 hours in a week = 30 academic hours**

Week	Lecture subjects
	Prosthetic treatment of partially edentulous patients with fixed restorations – FDP (fixed dental prostheses).
1	I. Bridge restorations – components, abutments, retainers and pontic. Technology of mandibular fixed restoration restoration - "Adapta" system.
2	II. Bridge restorations – classification. Technology of maxillary esthetic bridge with a modified ridge lap pontic design – "Adapta" system.
3	III. Bridge fixed restoration - basic construction principles.
4	IV. Types of bridge restorations. Cantilevers. Immediate bridge restorations. FDPs with special rigid and non-rigid connectors. Fixed bridge restorations with resin-bonded retainers - selectively opened partial retainers and Maryland retainers. Fixed implant restorations. Model-cast bridge.
5	V. Technologic characteristics of bridge restorations fabricated by different technologies. Failures.
6	VI. Acrylic resin partial dentures. Types of retainers. Impressions for partial dentures and master cast fabrication. Technology of bent clasps (single-arm, double-arm and Jackson clasp).
7	VII. Other components of removable partial dentures (RPD): precision attachments, double-crown (telescopic) and bar attachments. Major connectors - technology. Indirect retainers. Mounting master casts on an articulator.
8	VIII. Basic construction principles and planning of RPD (removable partial dentures). Construction principles of resin-based partial dentures. Technology of maxillary and mandibular resin-based RPD.
9	IX. Designing one-piece cast framework RPD. Investing.
10	X. Technology of one-piece cast framework RPD.
11	XI. Technology of immediate RPD. Repair of broken or damaged RPD.
12	XII. Processing failures in partial denture fabrication.
13	XIII. Types of partial dentures. Combined prosthetic restoration of partially edentulous dentitions with fixed and removable prostheses.
14	XIV. Fundamentals of prosthetic splinting – basic principles.
15	XV. Technology of fixed and removable splints.

**CURRICULUM OF PRACTICAL TRAINING IN
PRECLINICAL PROSTHETIC DENTAL MEDICINE**

2 year, 3 semester (winter)

15 weeks, 6 hours practical training in a week = 90 training hours

Week	Practical training subjects
	Prosthetic treatment of partially edentulous patients with fixed restorations – FDP (fixed dental prostheses).
1	I. Fixed prosthetic restorations. Technology of mandibular bridge prosthesis – "Adapta" system (34-37). Fabrication of a master cast with removable dies, plastic copings, wax modeling.
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3	II. Fixed prosthetic restorations. Technology of maxillary esthetic bridge with a modified ridge lap pontic design -"Adapta" system (13-16). Fabrication of a master cast with removable dies, plastic copings, wax modeling.
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5	III. Fixed prosthetic restorations. Technology of mandibular bridge prosthesis – "Adapta" system (34-37). Contouring and polishing.
6	IV. Fixed prosthetic restorations. Technology of maxillary esthetic bridge with a modified ridge lap pontic design – "Adapta" system (13-16). Contouring and polishing.
7	V. Fixed prostheses. Technology of maxillary esthetic bridge with a modified ridge lap pontic design – "Adapta" system (13-16). Resin veneer.
8	VI. Retention of RPD. Clasps. Fabrication of single arm bent clasps.
9	VII. Fabrication of double-arm clasp and Jackson clasp. Fabrication of a bent major connector for mandibular RPD.
10	VIII. Technology of RPD. Fabrication of a shellac record base and occlusion wax rims. IX. Registration of interocclusal relationships. Mounting the casts on an articulator.
11	X. Technology of acrylic resin RPD. Selecting artificial teeth. Arrangement of acrylic teeth for maxillary and mandibular prosthesis. XI. Wax modeling and flasking of denture patterns.
12	XII. Technology of acrylic resin RPD. Processing acrylic resin. Contouring and polishing of the dentures.
13	XIII. Pouring maxillary mandibular alginate impressions fabrication of master models.
14	XIV. Repair of broken or damaged RPD.
15	XV. Planning the design of the metal framework of RPD. Combined restorations - RPD and FDP. Seminar – in class examination.