

Astana Medical University  
Department of Russian Language and Foreign Languages

# **Orthopedic dentistry**

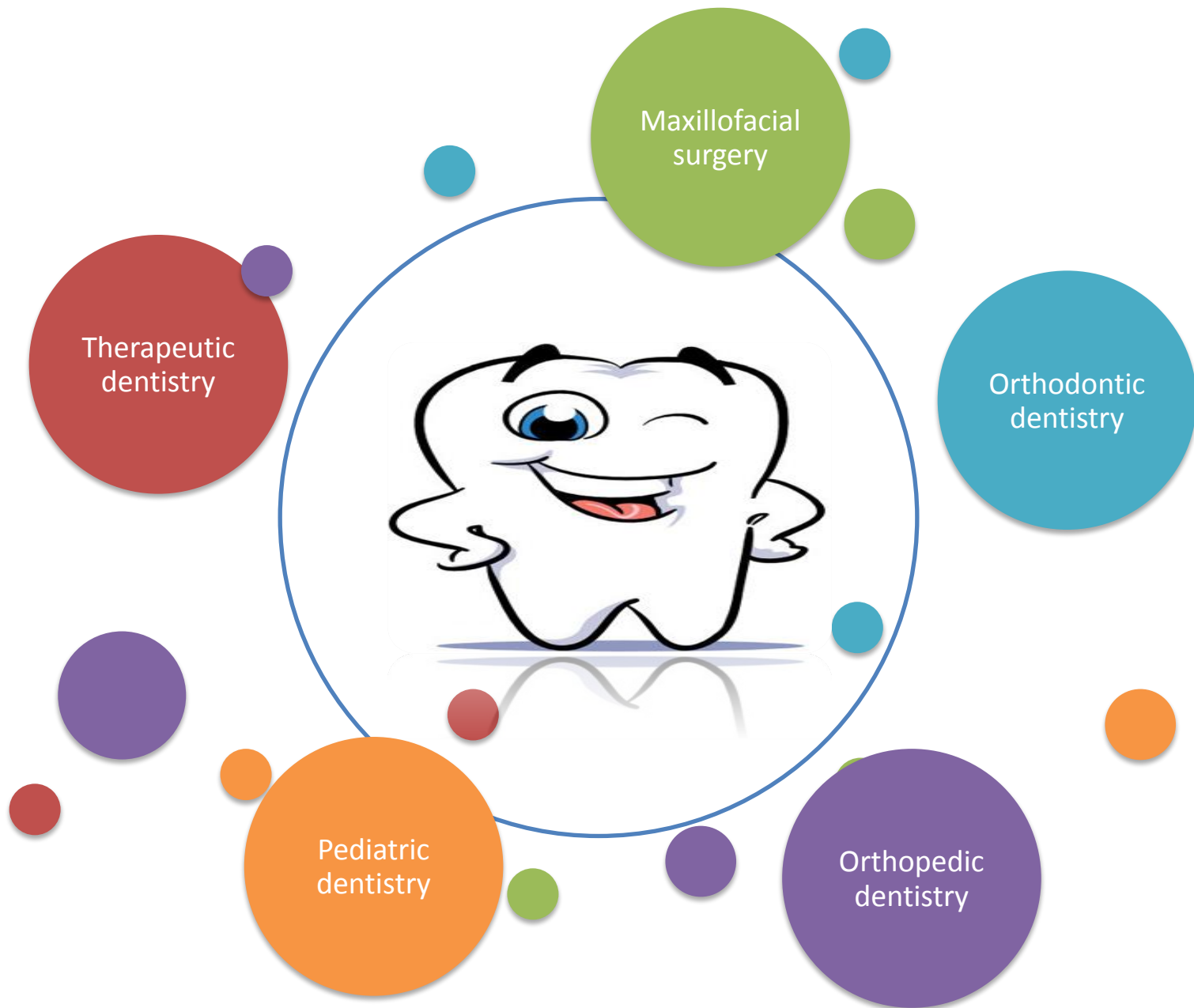
Student: Kenes A.  
Group : 405-stom  
Teacher: Hamzina M.B.

Astana 2018

# Contents

- I. Introduction
- II. Main part
- III. Conclusion





# INTRODUCTION

Orthopedic dentistry focuses on diagnosis, treatment and prosthesis of violations of dento-facial system integrity. The main task is a complete restoration of masticatory function of the teeth. Still, the importance is given not only to restoration of teeth integrity, but to the reappearance of a charming smile as well. Dental prosthesis is performed in a strictly individual manner, based on the clinical picture and the patient's preferences.

# Prostheses are divided into two types

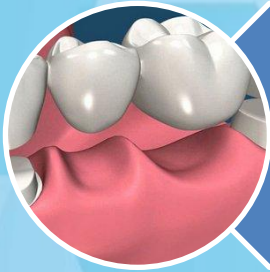
## **Fixed prostheses**

Fixed prostheses attach to the surface of the tooth with cement.

- Veneers
- Tabs
- Artificial tooth crown
- Bridges

## **Removable prostheses**

- Partial removable prostheses
- Complete removable prostheses



Bridges are used in cases where one or more teeth are missing.



Artificial tooth crown



Removable prostheses

# Veneers

- Alongside the main methods of treatment, the modern dentistry has mastered and is the practice of practicing methods of micro-prosthesis which include placement of veneers. Below are the cases where placement of veneers is recommended:
  - – Uneven teeth,
  - – Enamel damage caused by diverse factors,
  - – Enamel infections caused by non-carious lesions,
  - – Teeth stains, discolorations.

- The advantages of veneers:
- veneers provide a very life-like and natural tooth appearance,
- the color of veneers is not affected by coffee, cigarettes, they are stain resistant and color stable





# Lumineers

Lumineers are ultra-thin layers crafted of extremely durable ceramics. Such cosmetic coatings have a thickness of 0.2-0.3 mm. This type of cosmetic coatings is largely demanded despite its high value.



Below are the cases where placement of lumineers is recommended:

- Diastemas (gaps between teeth) and misalignment of teeth,
- Enamel cracks or broken teeth,
- Tooth discoloration. A lumineer is also an alternative method of teeth whitening. Lumineers can be used to change the tooth color which will last very long as lumineers never change their color,
- To restore the flaws of the old orthopedic appliances which are not required to be removed (metal ceramic crown fractures, receding teeth).



# conclusion

The quality of these materials is constantly enhancing allowing to give a natural look to artificial teeth and to provide the patient with maximum possible comfort.