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Bar removable dentures.
Indications for manufacturing.
The choice of design depending
on the defects of the dentition

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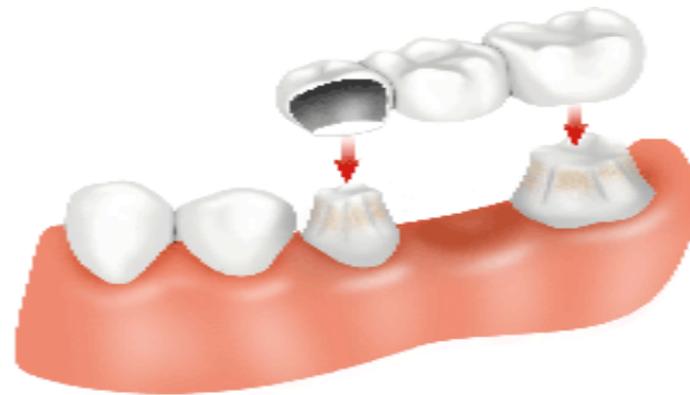


Content:

- Denture constructions used for partial defects of dental rows
- Indications and contraindications for bar removable denture usage
- Elements of BRD

Types of dentures used for elimination of partial defects of dental rows

Bridge dentures that lean on teeth, transferring masticatory pressure on parodontium tissues. These anatomic elements are used for compensation of masticatory pressure.



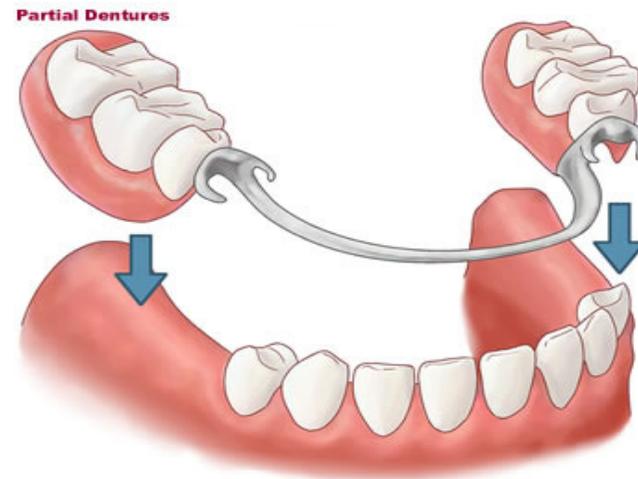
Types of dentures used for elimination of partial defects of dental rows

- Laminar dentures that lean on mucous membrane of alveolar process, body of jaws and palatal bone. These anatomic elements are **not** used for compensation of masticatory pressure.



Types of dentures used for elimination of partial defects of dental rows

Bar removable dentures leaning on teeth, paradontium, alveolar sprouts, body of jaws, palate. Masticatory pressure transforms partially on elements meant to compensate and not to compensate it. Level of support depends on denture construction.

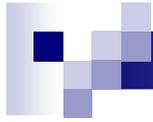




Indications for BRD

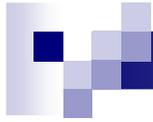
Kennedy classification:

1. Bilateral unlimited defects of dental rows in distal parts
2. Unilateral unlimited defects of dental rows in distal parts
3. Unilateral defects inside the distal parts of dental rows
4. Defects in a front part of dental rows



Indications for BRD

Kennedy classification provides presence of subtypes that are defined by the amount of **additional included** defects



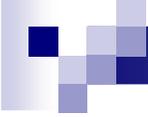
Indications for BRD

BRD are recommended for all defects of dental rows by Kennedy. The mandatory rule is the presence of 4-6 stable supporting teeth.



Contraindications

- Main:
 1. Intolerance to the material of denture
 2. Scarcity of supporting teeth
 3. Do not correspond with the requirements of supporting teeth



Contraindications

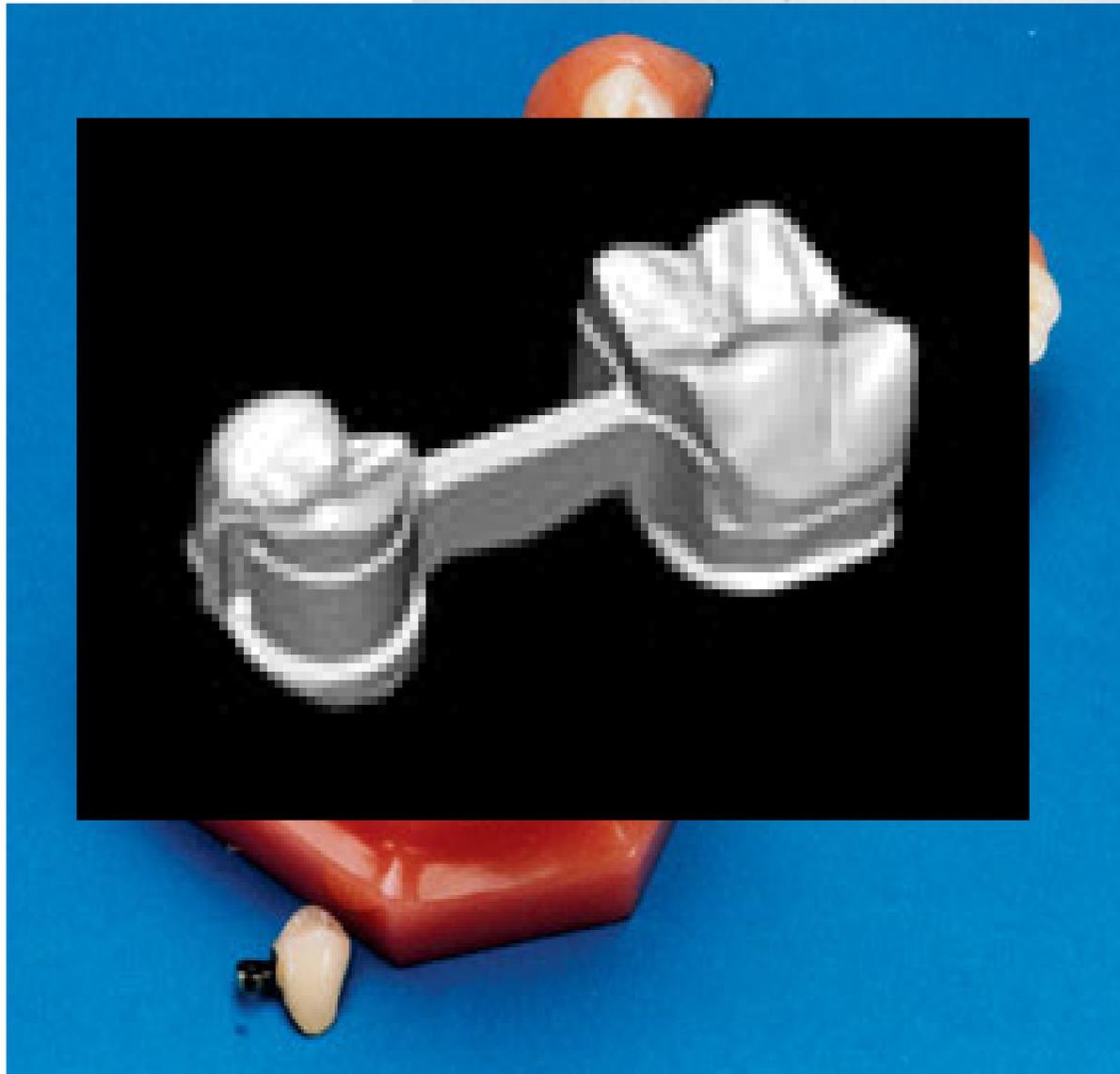
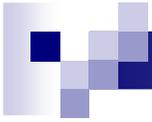
- Additional:

All conditions that do not allow to use BRD, but that can be removed by the preparatory measures Ex. Pathological erosion of dental row, accompanied by the decrease of vertical dimension.



Elements of BRD

- Main elements of BRD:
 1. An arc connects parts of denture and allows to distribute masticatory pressure
 2. Fixing elements that hold the denture:
 - clasps
 - telescopic crowns
 - attachments and locks
 - bar system



Elements of BRD

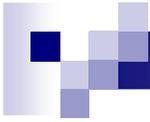
- Main elements of BRD:
 3. Saddle
 4. Plastic base with artificial teeth





Elements of BRD

- Additional:
multilink clasps, untithrow down elements,
stress brakers, rest proximal plate, i-bar
clasps, etc.



Thank you for attention



