

# ADULT TREATMENT

Dr. Miklós László Kaán, associate professor

Semmelweis University,  
Department of Paediatric Dentistry and Orthodontics



# Outline

- Adjunctive treatment
  - Goals
  - Biomechanical considerations
  - Timing and sequence
  - Uprighting molars
  - Forced eruption
  - Alignment
- Comprehensive treatment
  - Motivation
  - Periodontium

# Adjunctive treatment

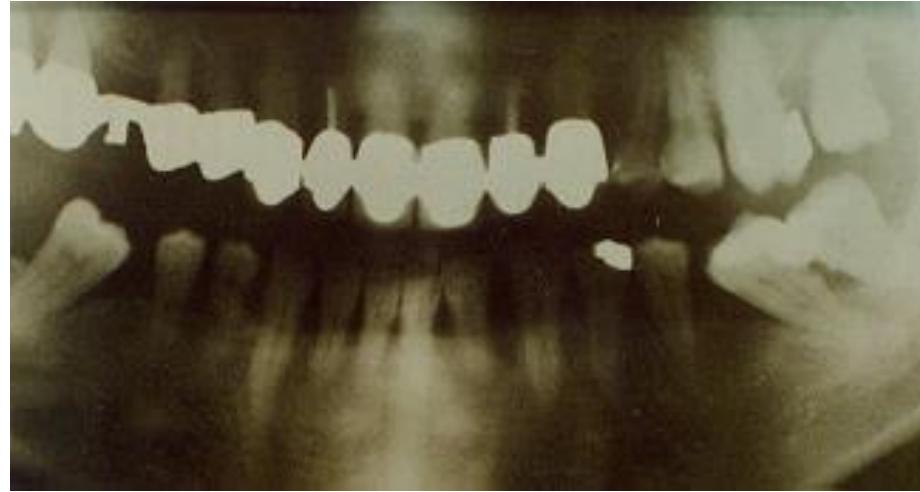
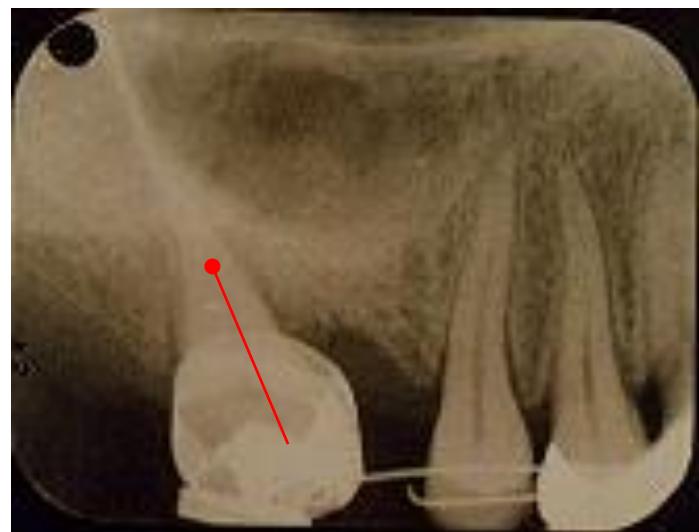
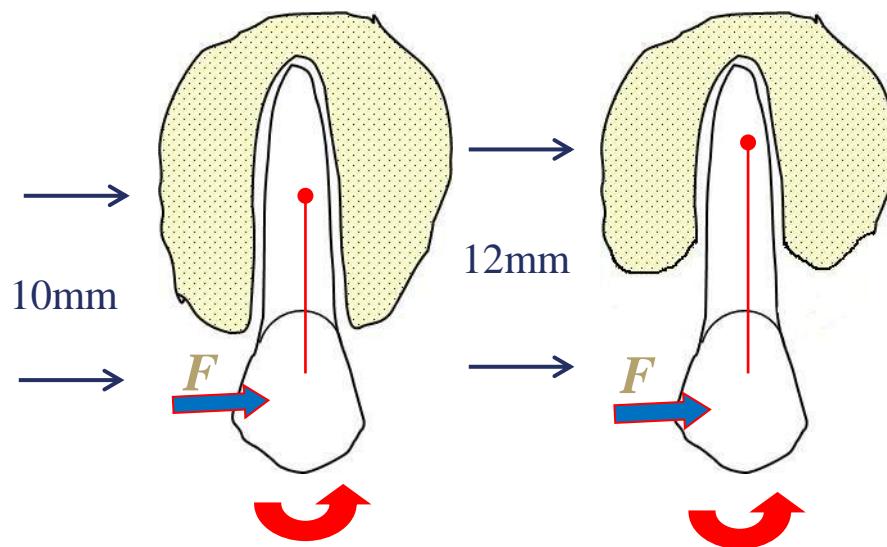
# Goals

- Facilitate restorative treatment
- Improve periodontal health
- Favorable tooth position and force direction

# Biomechanical consideration



+20% forgatónyomaték





## Részárás és tengelykorrekció



# Timing and sequence

- **Pre treatment**

Rehabilitation of oral hygiene

Endodontic treatment

Extractions if necessary

- **Orthodontic intervention**

- **Final phase**

Periodontal procedures

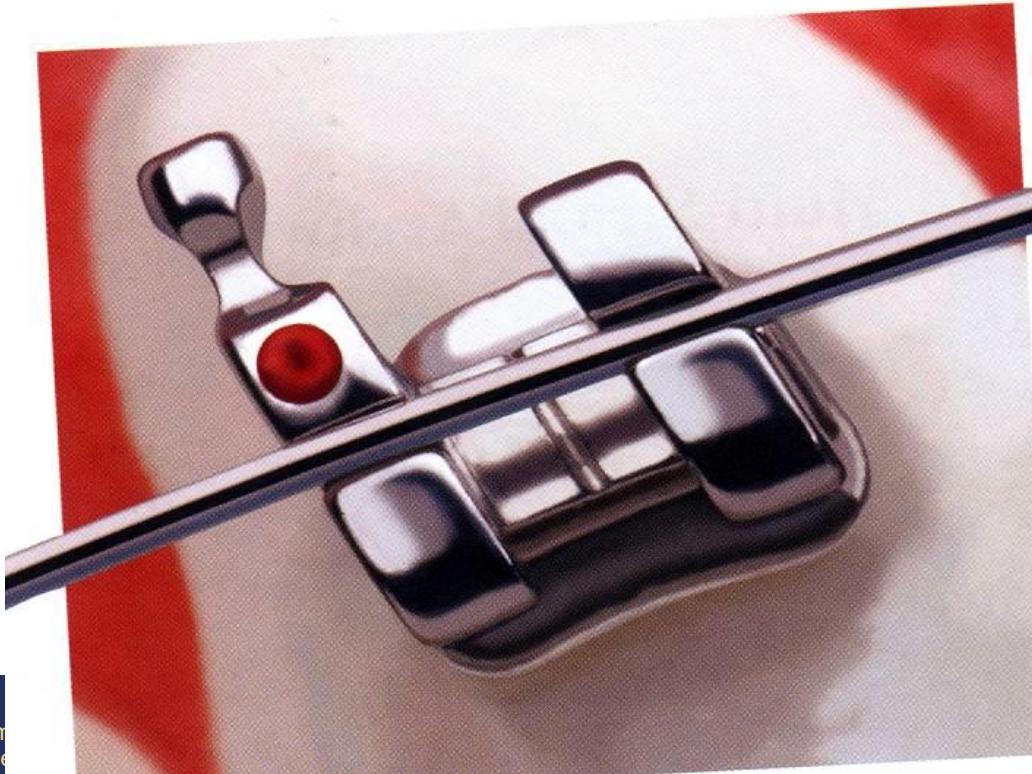
Prosthodontic treatments



# Orthodontic treatment in permanent dentition

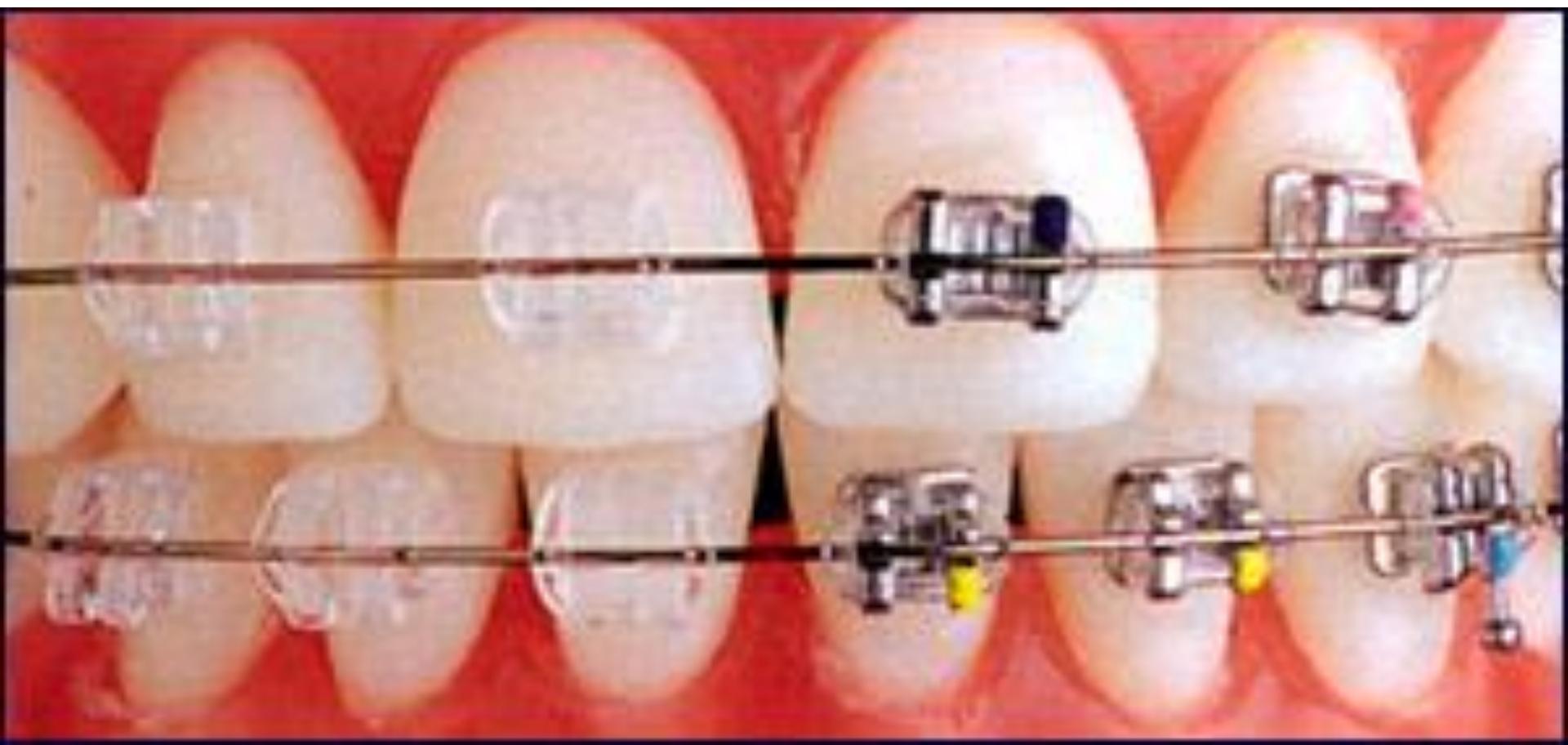
- 1. Treatment with fixed appliances
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  - - lingual and palatinal arches
  - - Hyrax
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  - reason: crowding or overjet
- 3. Orthodontic treatment with surgical intervention
  - f.e.: impacted teeth
- 4. Treatment with missing teeth
  - space closure or preprosthetic orthodontic treatment
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  - progenia, prognathia, open bite
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- 7. Problems with wisdom teeth

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## Esztétikus bracketek



# Lingualtechnika



# Invisalign



2025. 03. 19.

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## 1. Elsősorban rögzített készülékkel végzett kezelések

- 2. Orthodontic treatment with extraction ( most frequently: first premolars )

reason: crowding or overjet

## 3. Kombinált sebészi - orthodontiai kezelések

például: retineált fogak sorbaállítása

## 4. Fogak számbeli rendellenességeinek és a foghiánnyal kombinált anomáliák ellátása

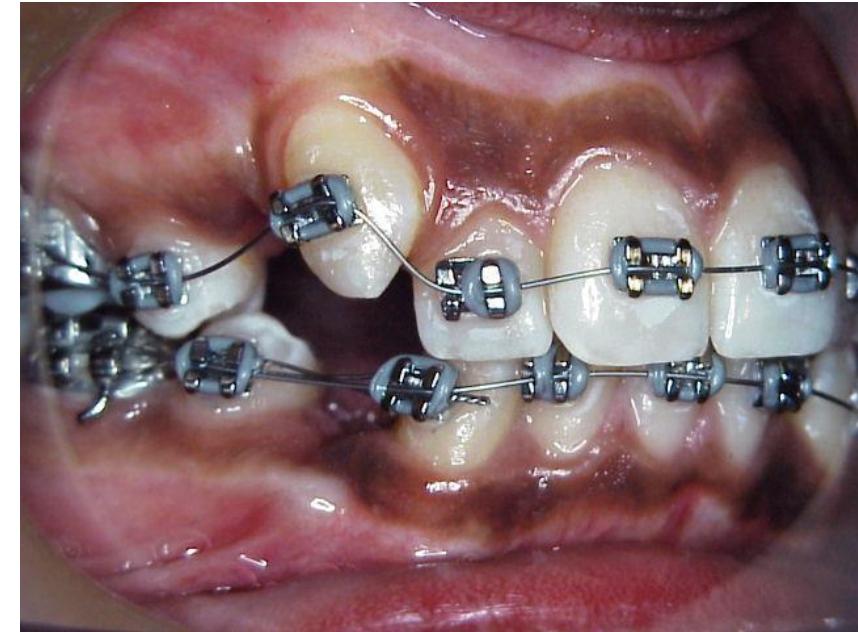
hiány zárása orthodontiai úton

preprotetikai orthodontiai kezelések

## 5. Orthognath műtétek

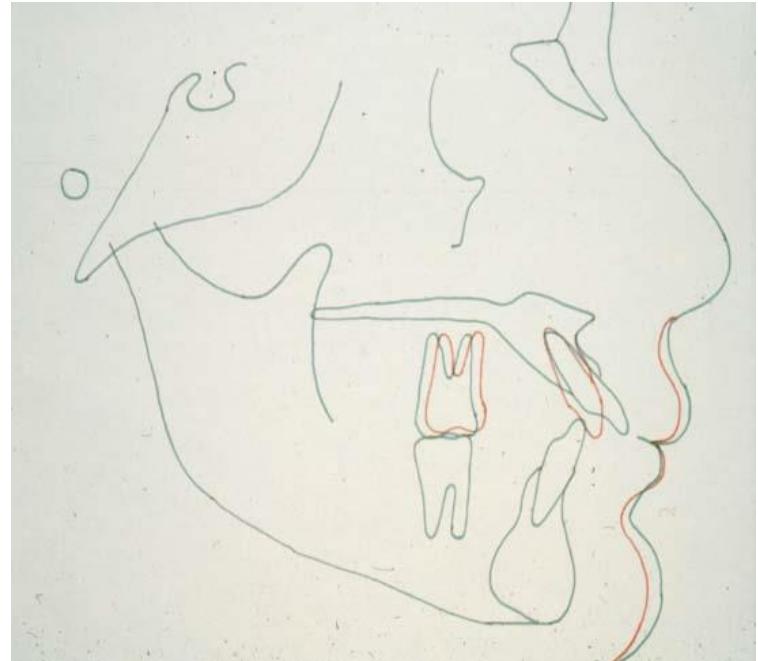
általában tizennyolc éves kor körül

## 6. Bölcsességfogakkal kapcsolatos problémák

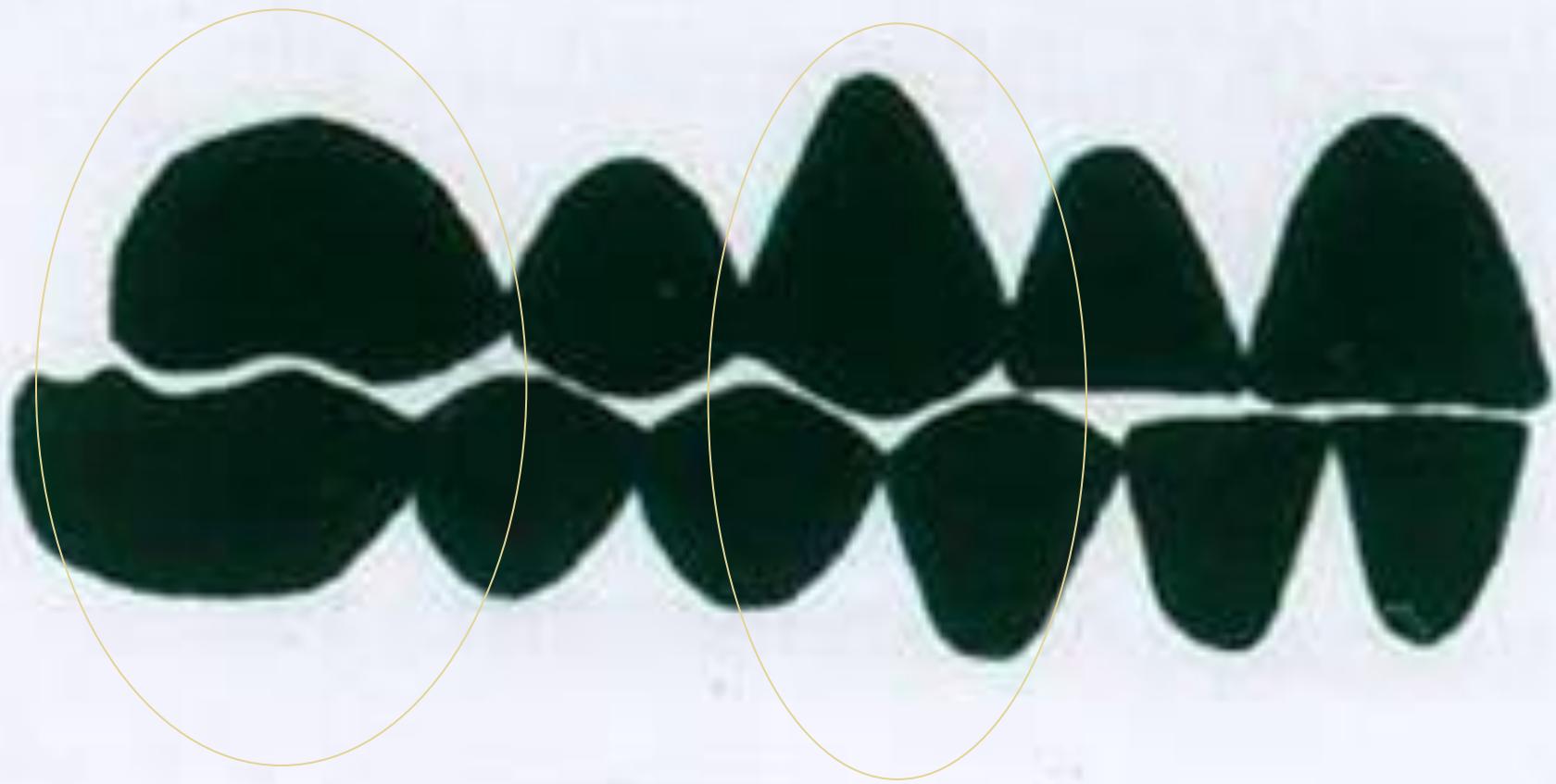


# CLASS II

## Extraction of upper premolars CAMOUFLAGE TREATMENTS



**The growing has already finished  
OVERJET  
PROGNATHISM  
Functional open bite  
CAMOUFLAGE TREATMENT**



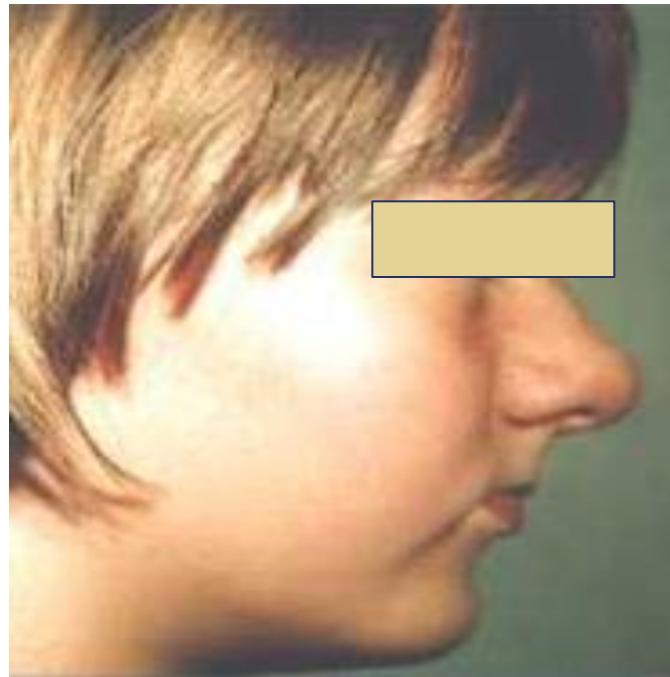
# Four premolar extraction



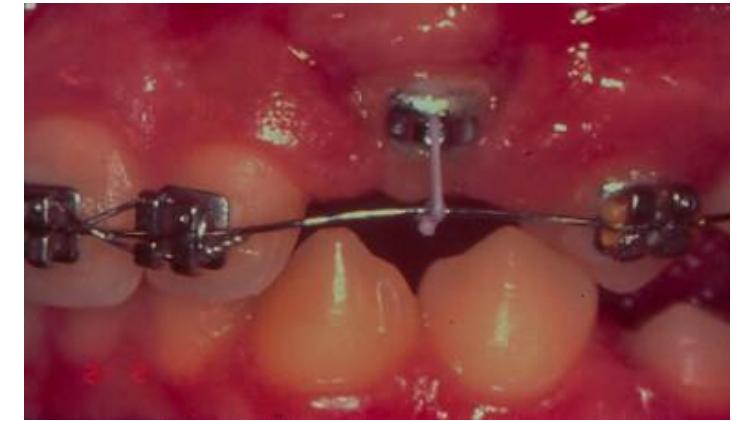
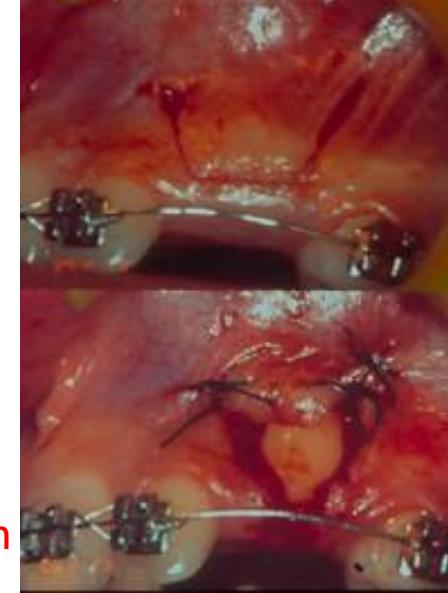
Crowding, prognathism, lack of place



# Profile !!!



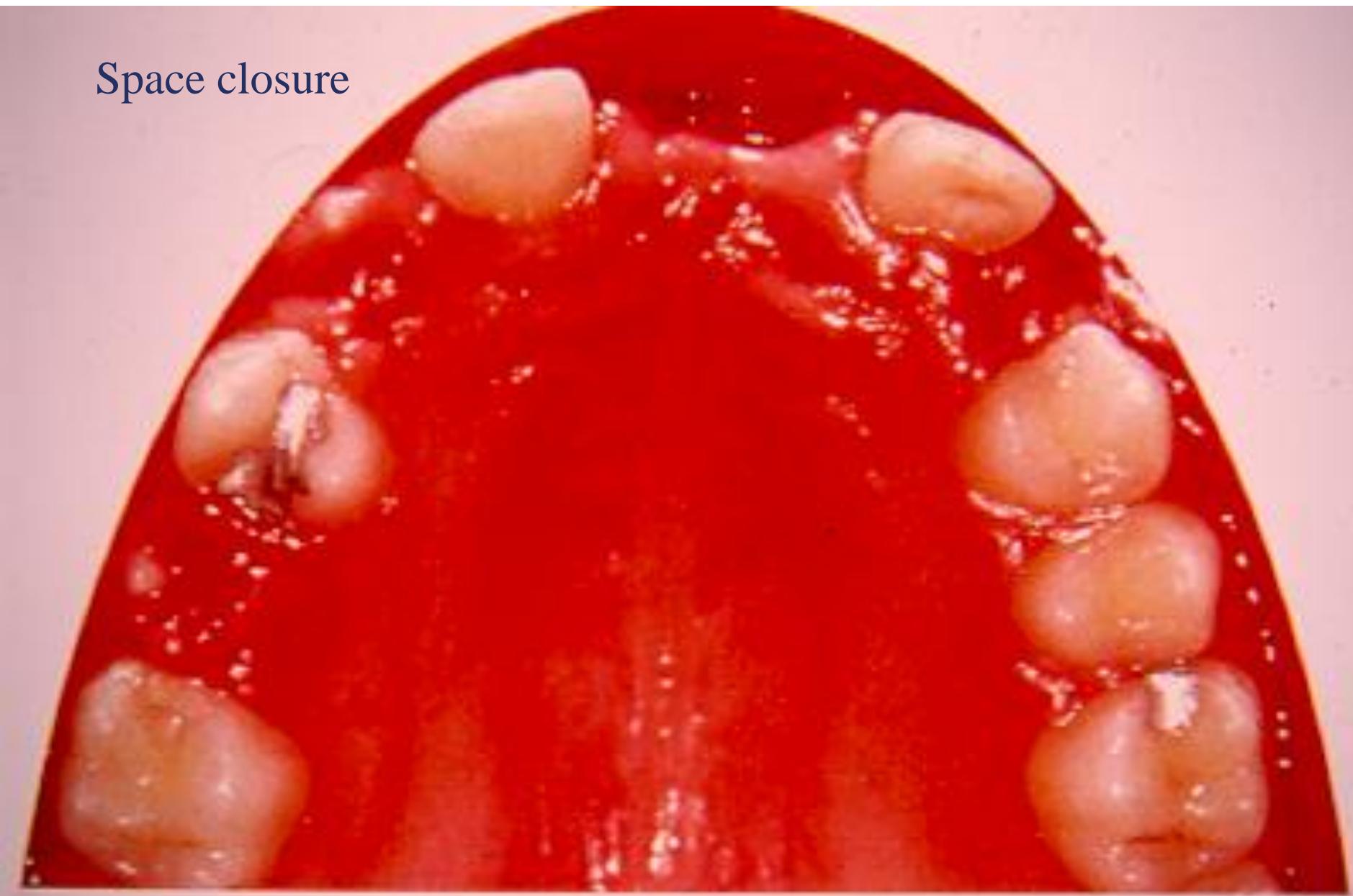
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# Space closure











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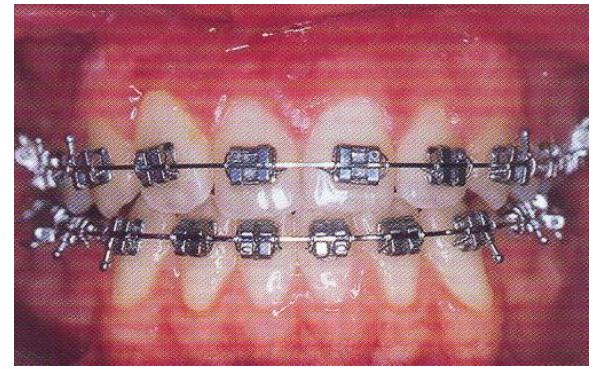
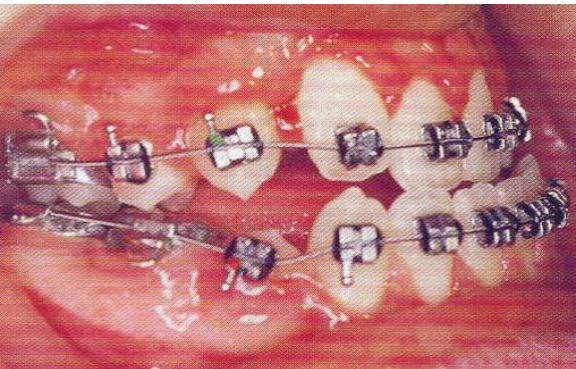


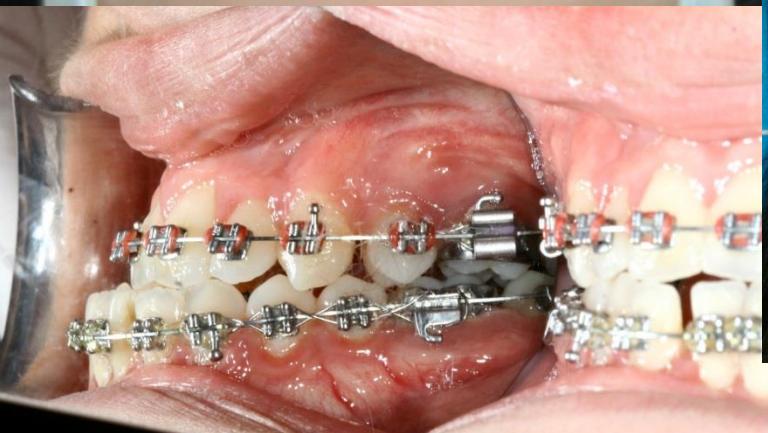
# Orthognath surgery

- After the age of 18

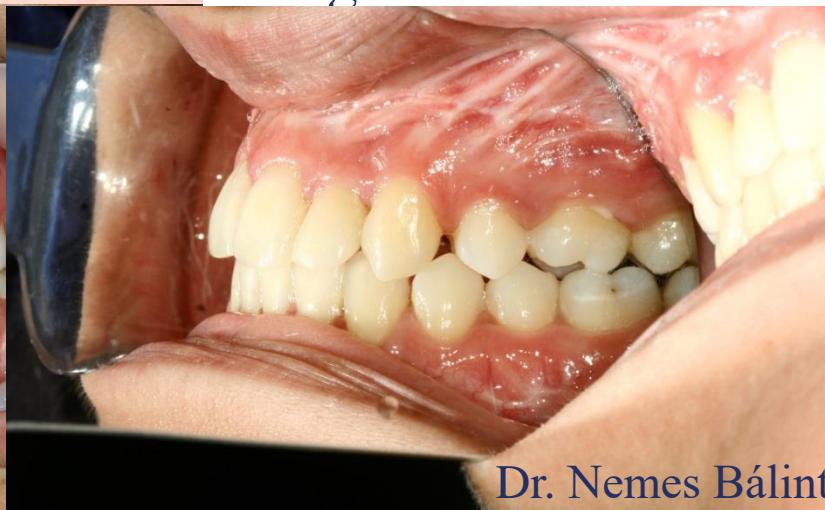
Orthodontic treatment before and after the surgical intervention

Decompensation orthodontic treatment



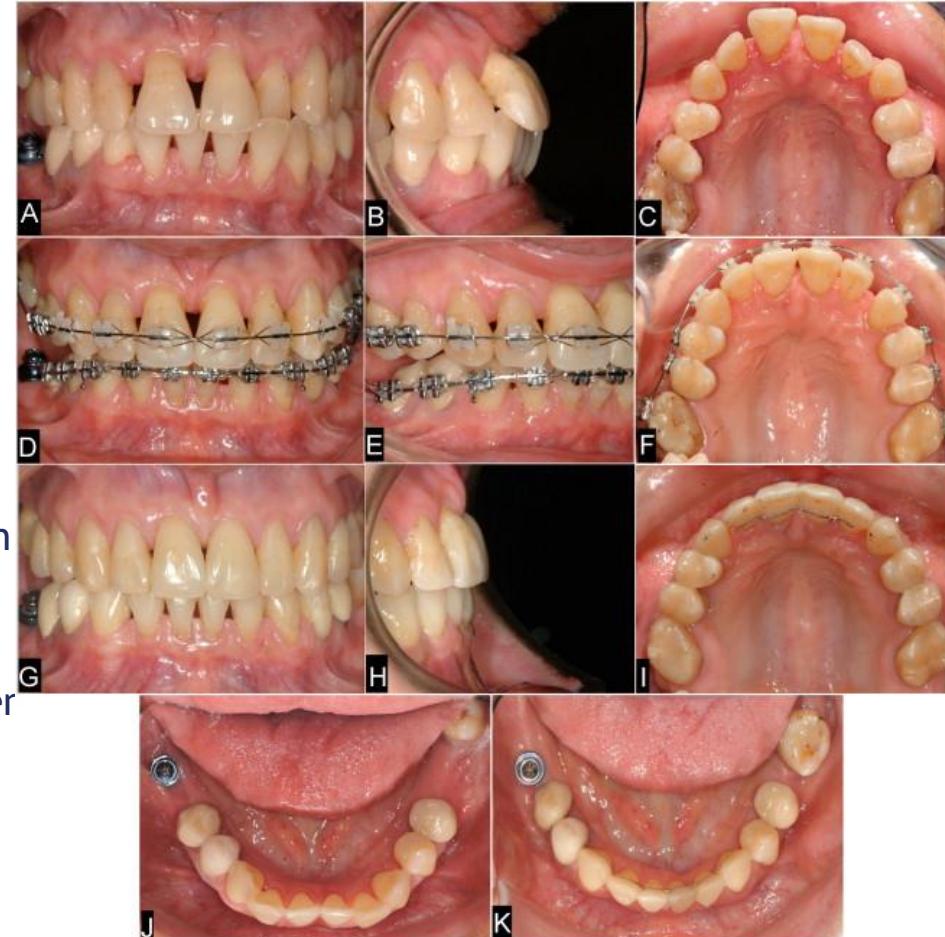


Prognathism of the mandible

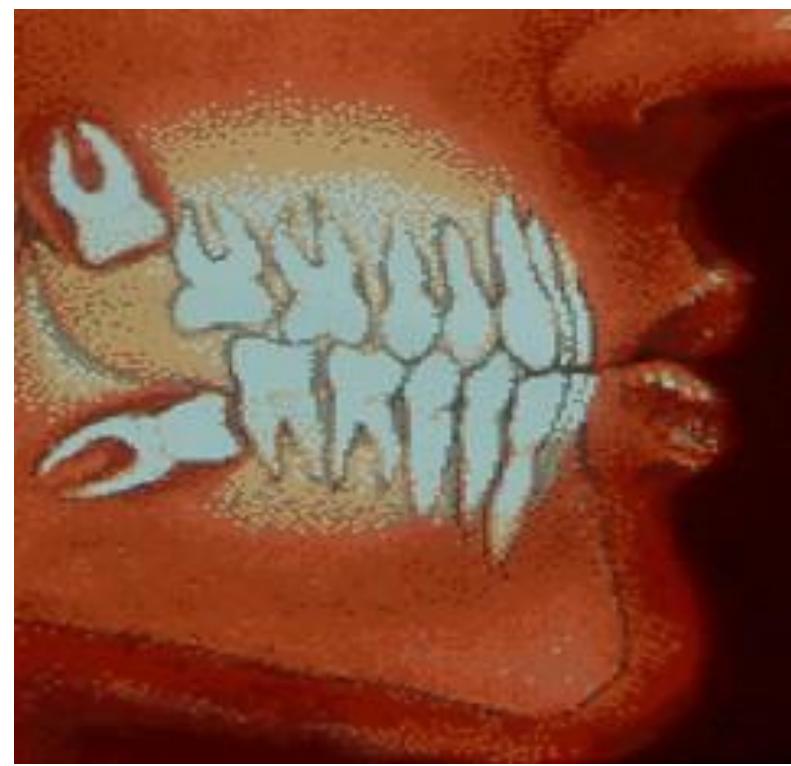


Dr. Nemes Bálint esete

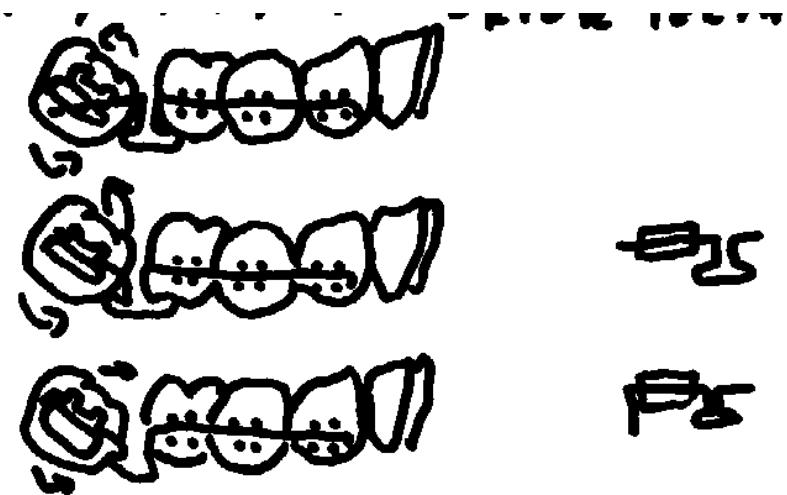
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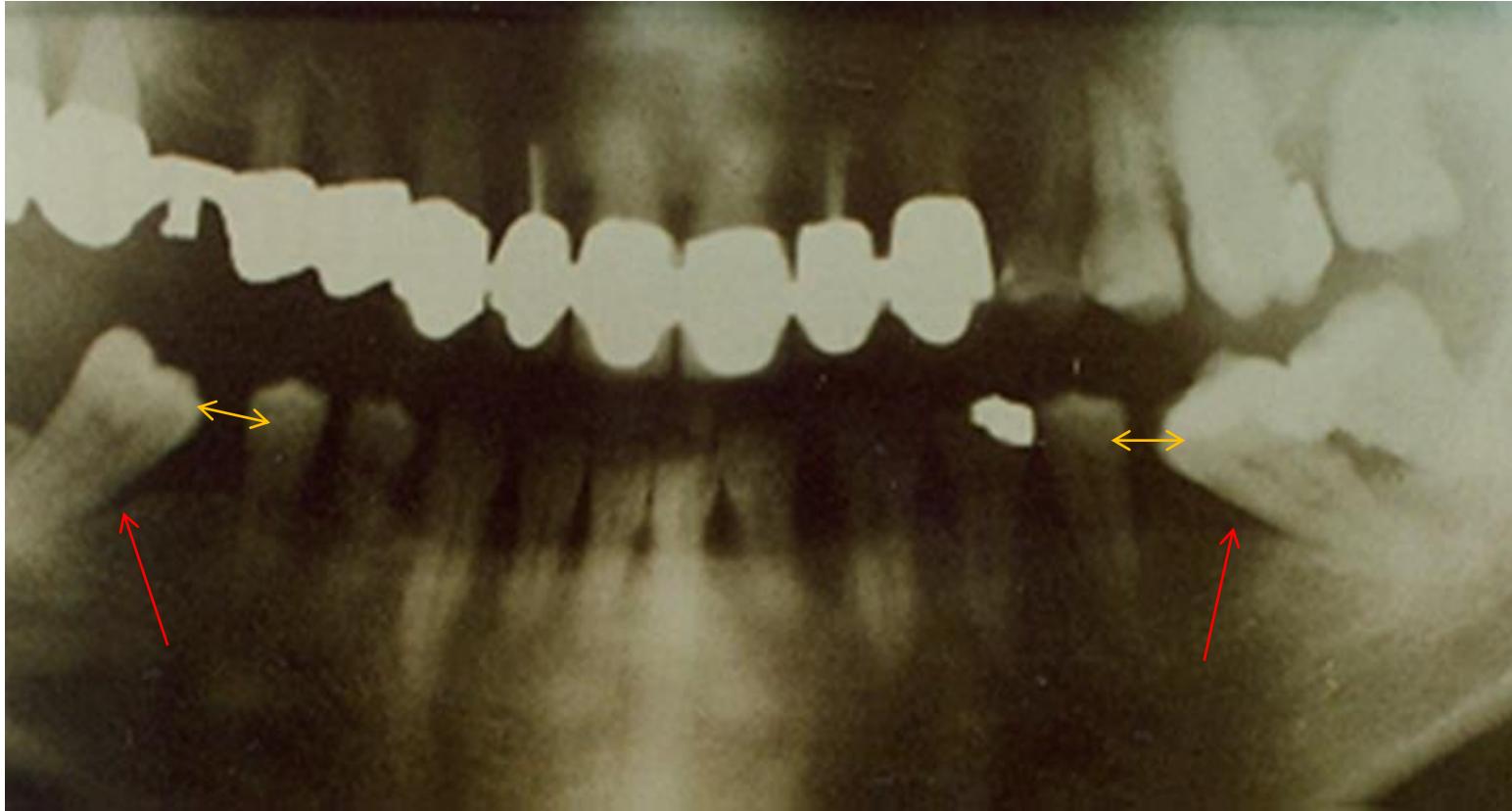


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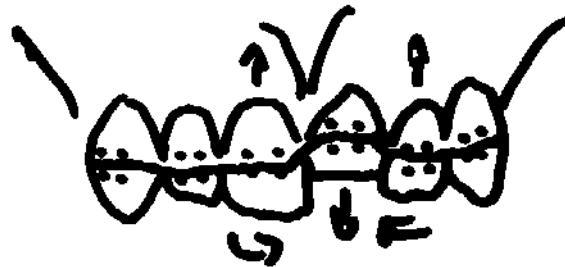


# Uprighting molars





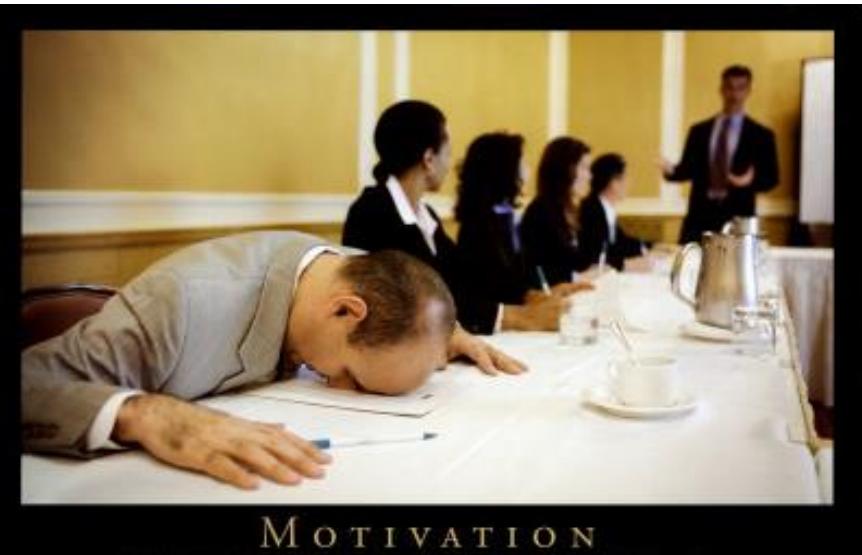
# Forced eruption



# Alignment



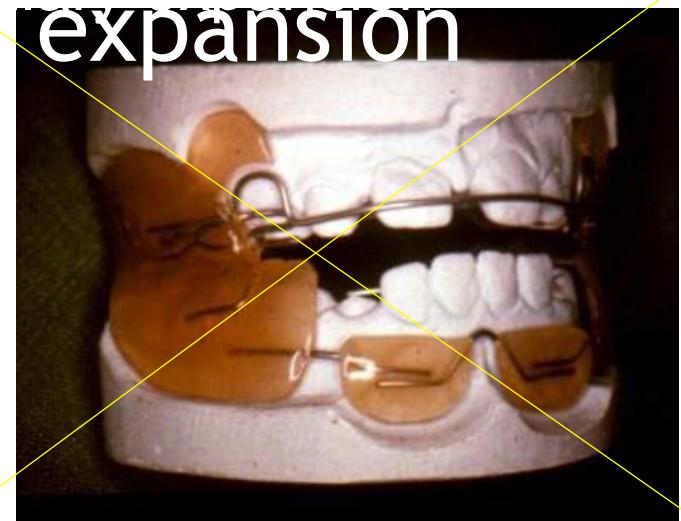
# Comprehensive treatment



MOTIVATION



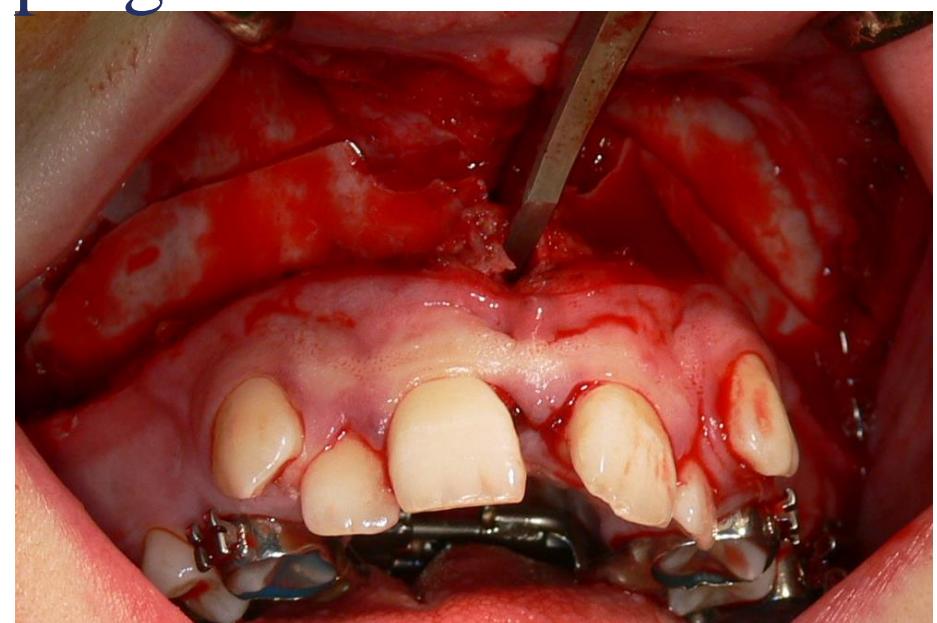
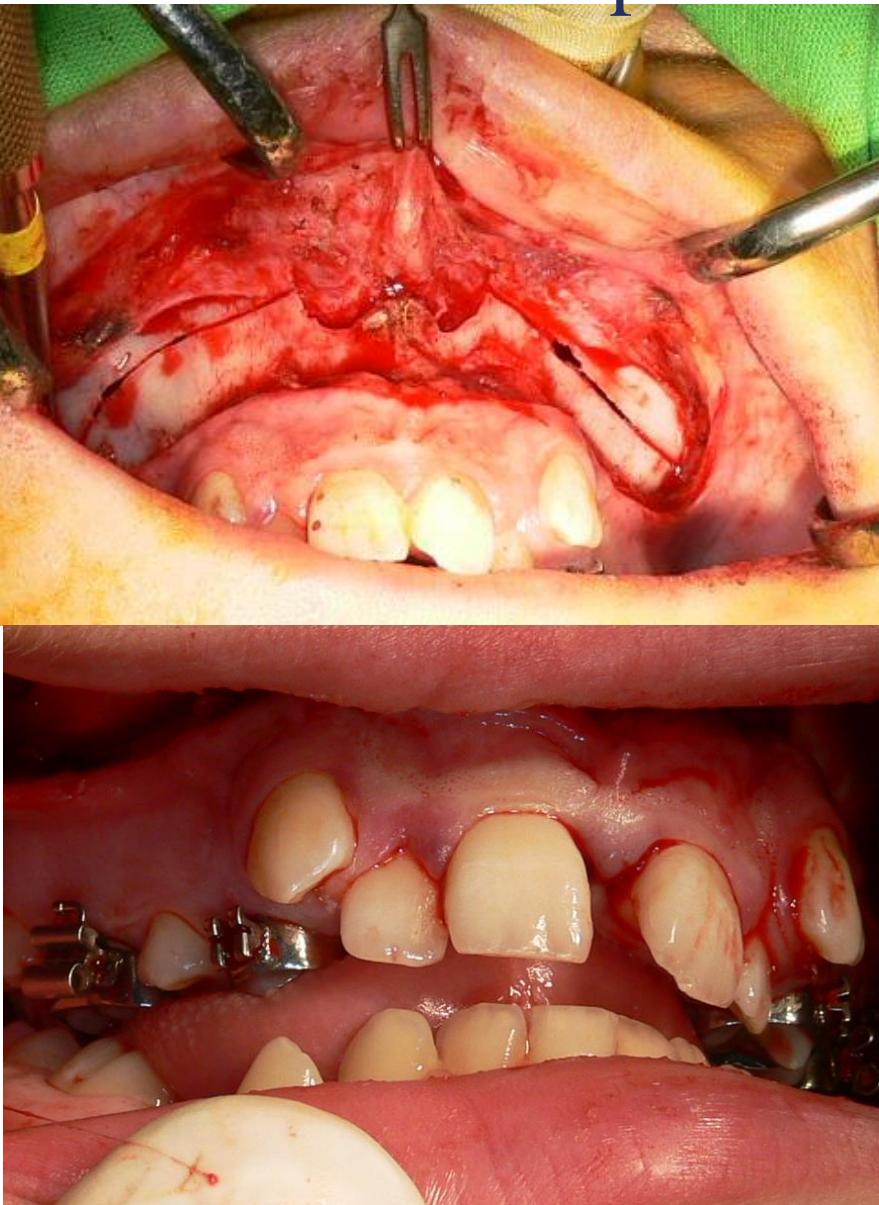
expansion



Hyrax screw- after surgical intervention

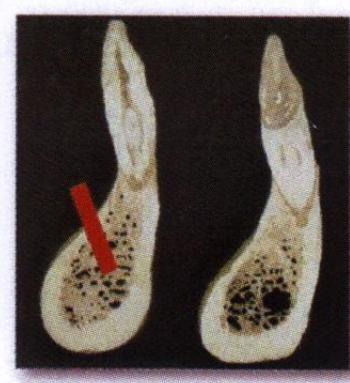
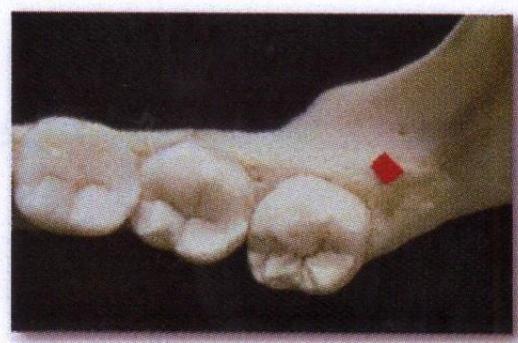
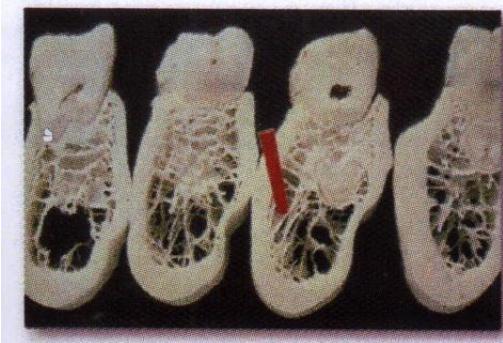
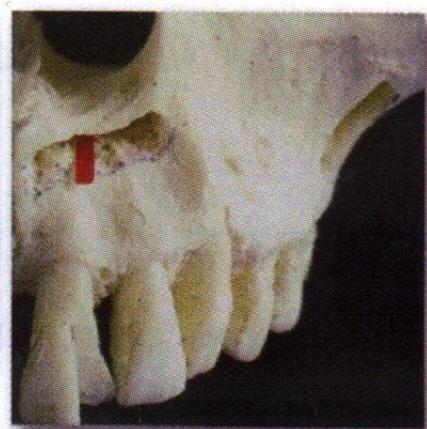
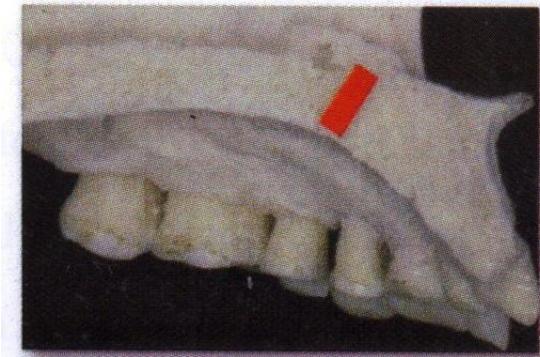
Quad-helix- dental effect-tilting

# Sutura palatina ripping - SARME

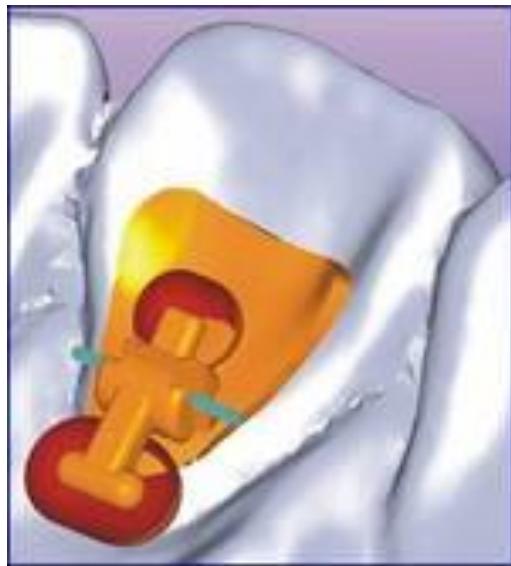
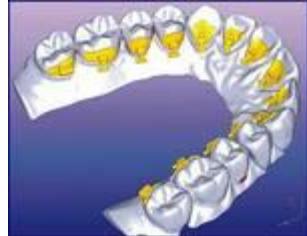


# After three weeks

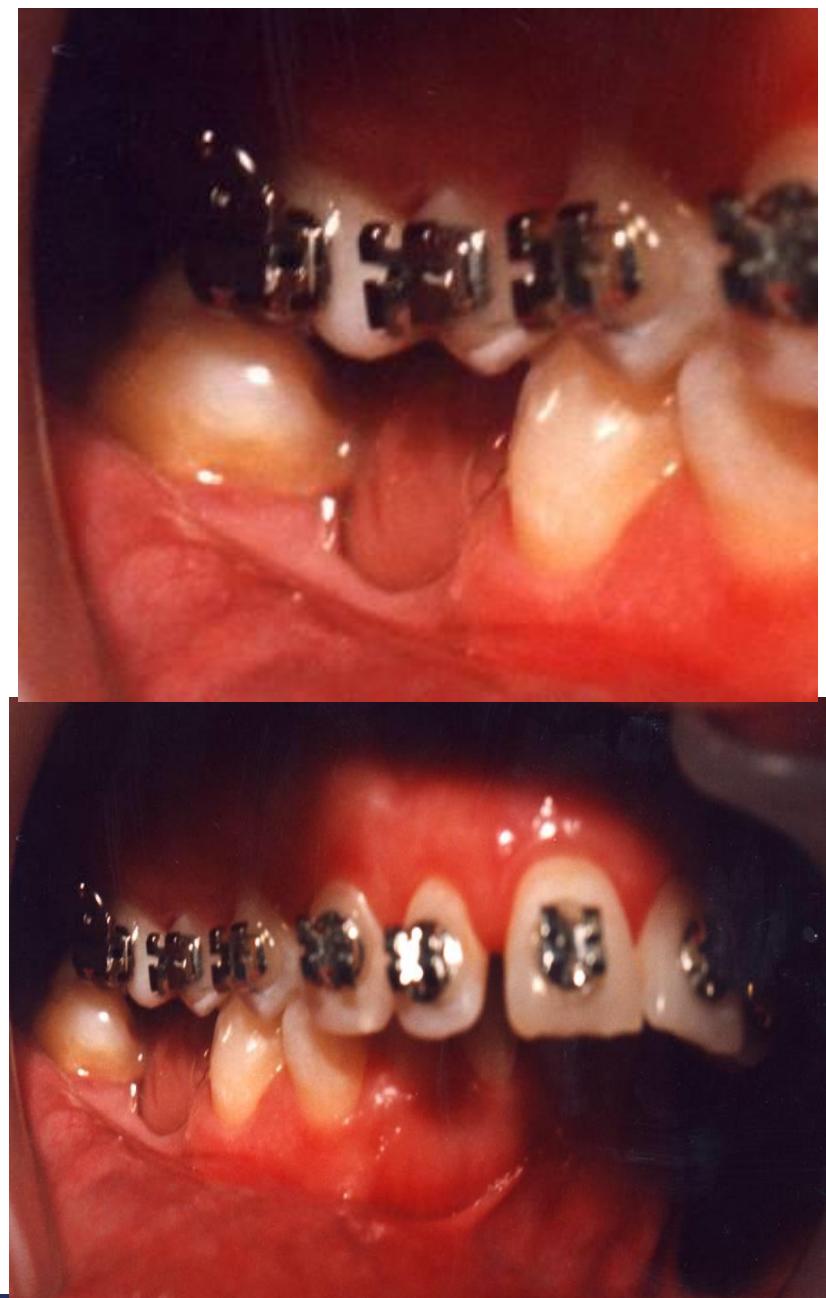














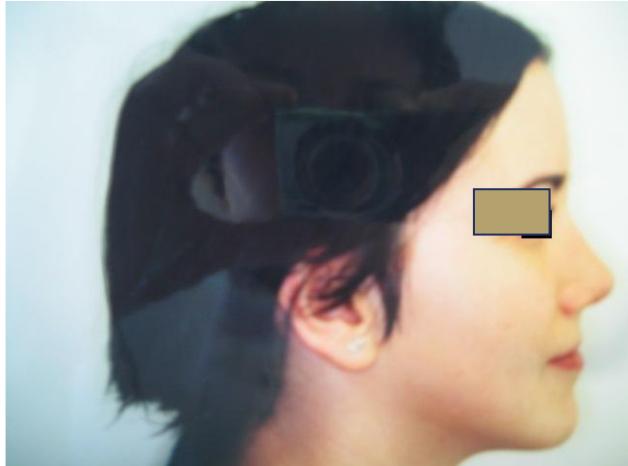
Surgery



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UNIVERSITY 1769

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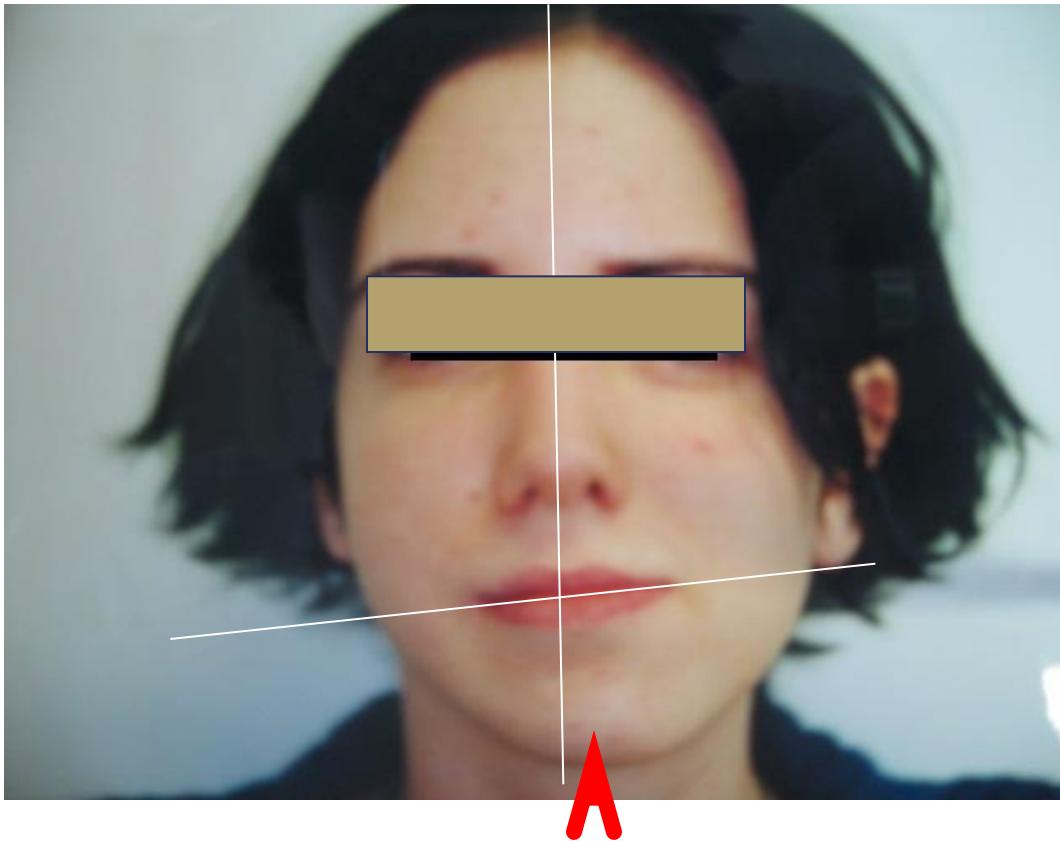
# Before the treatment

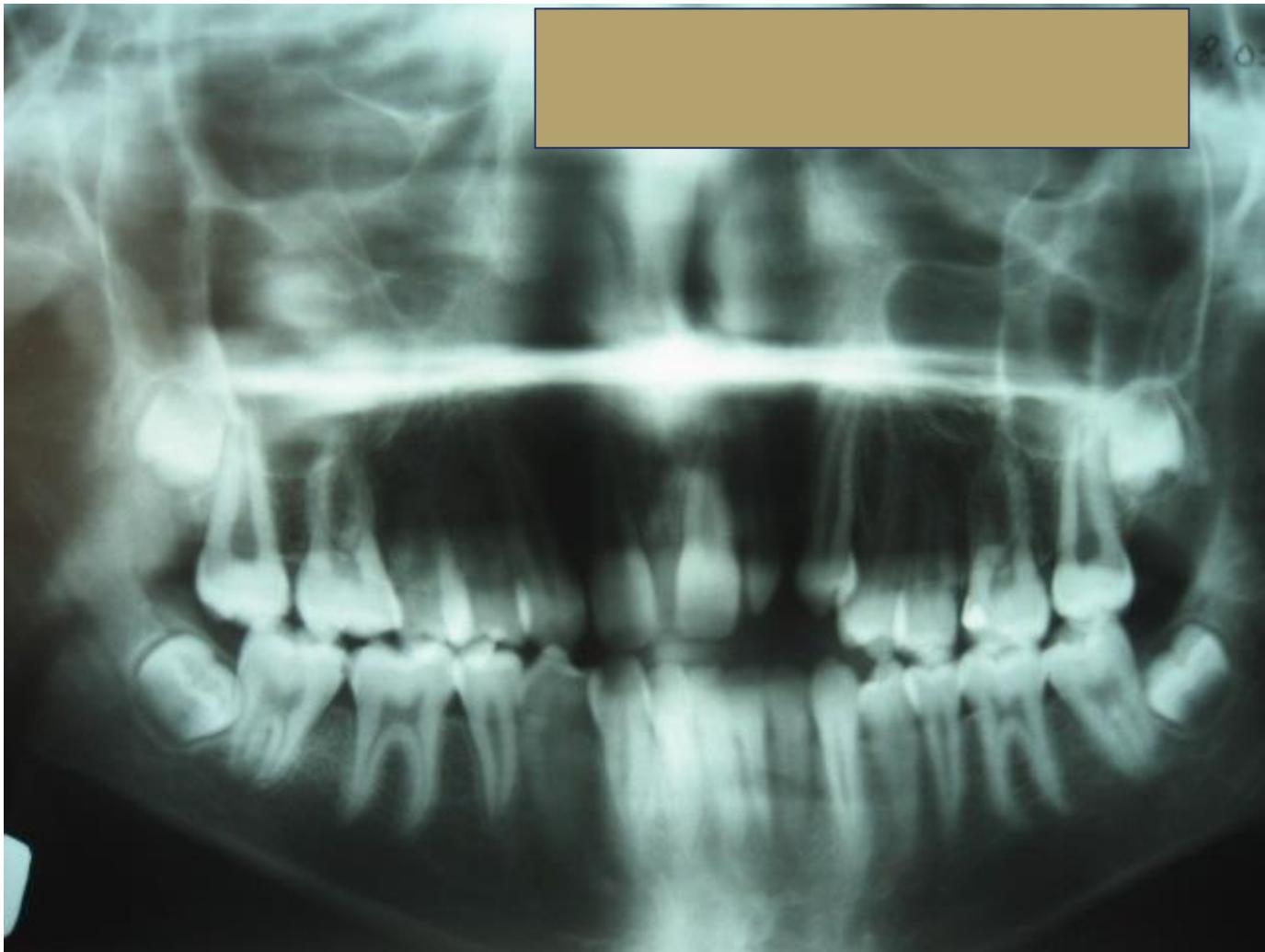


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- Cephalogramm





# Modellc



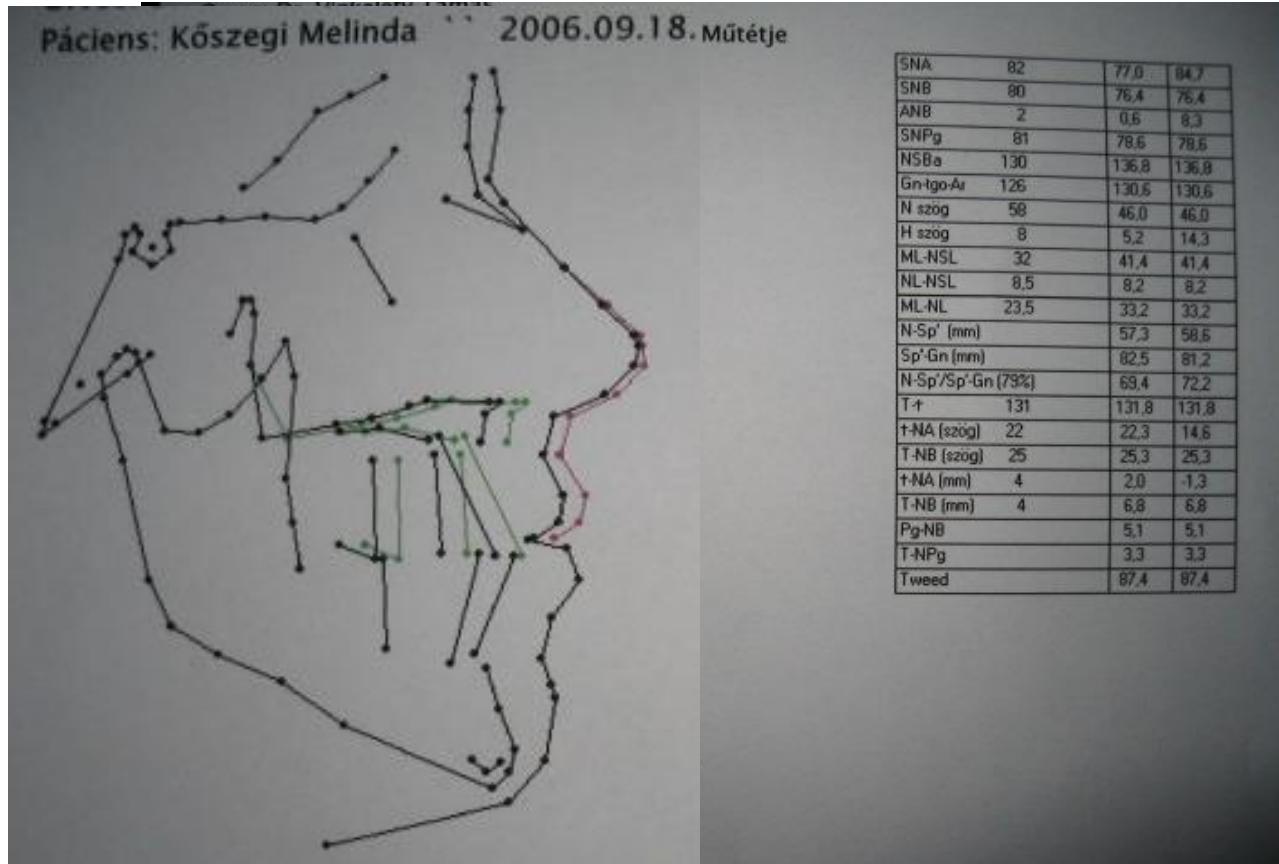
# Before the surgery



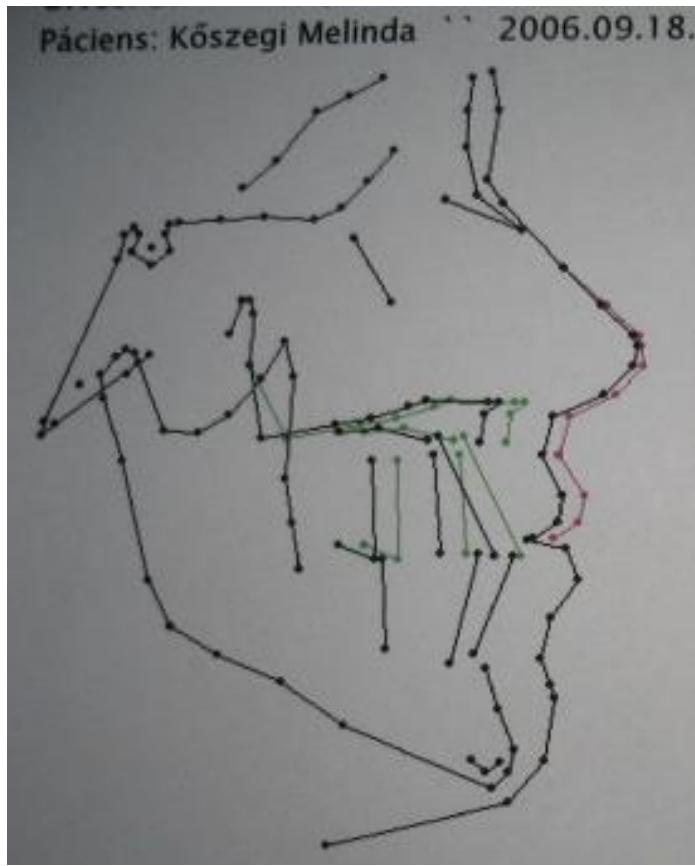
# After the surgery



# Cephalometric values



# The plane



- Bite registration



# Bite registration

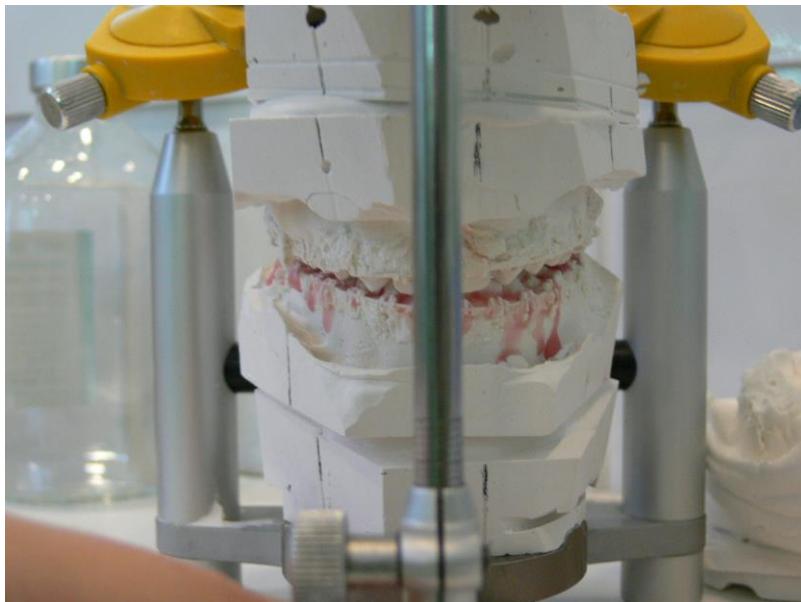
- Spatulas help the correct relation



# Model surgery



# Model surgery

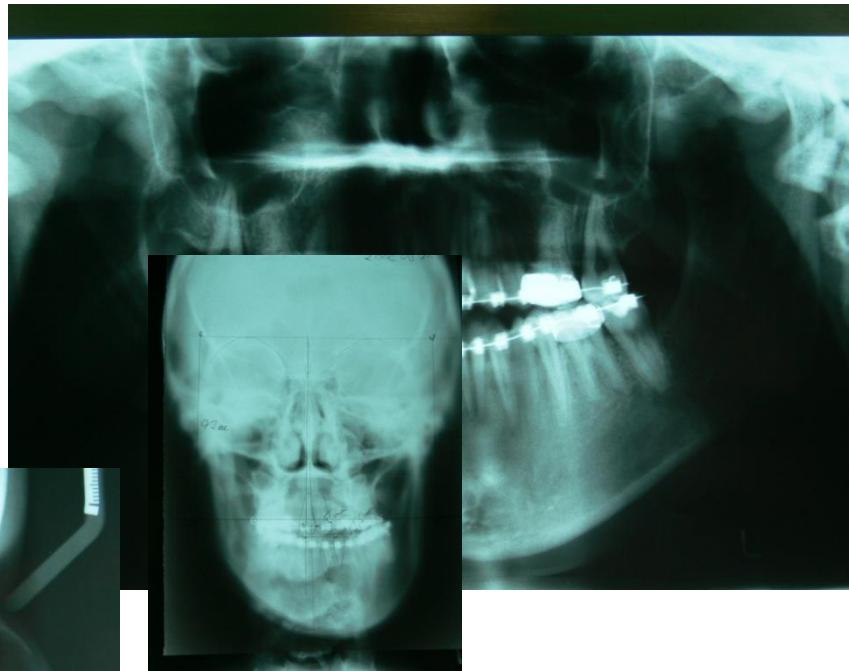


# Splint



# Paltal positioner



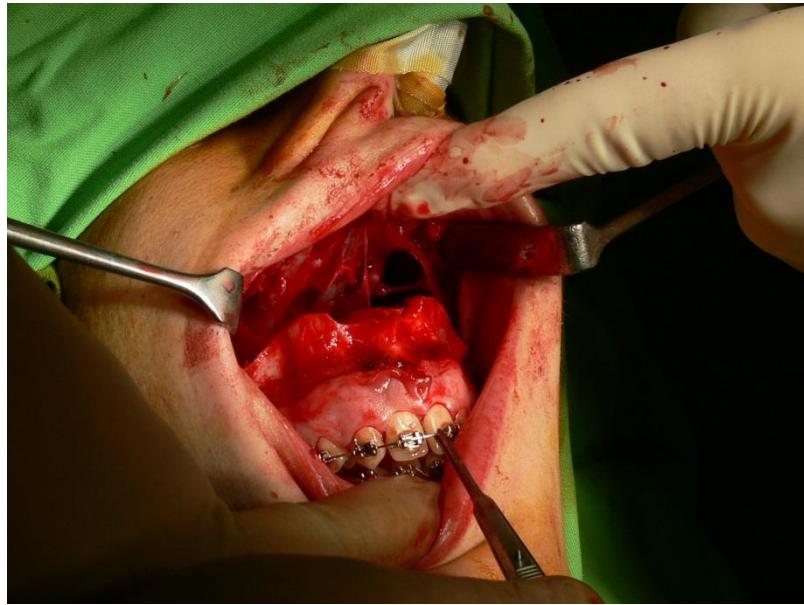


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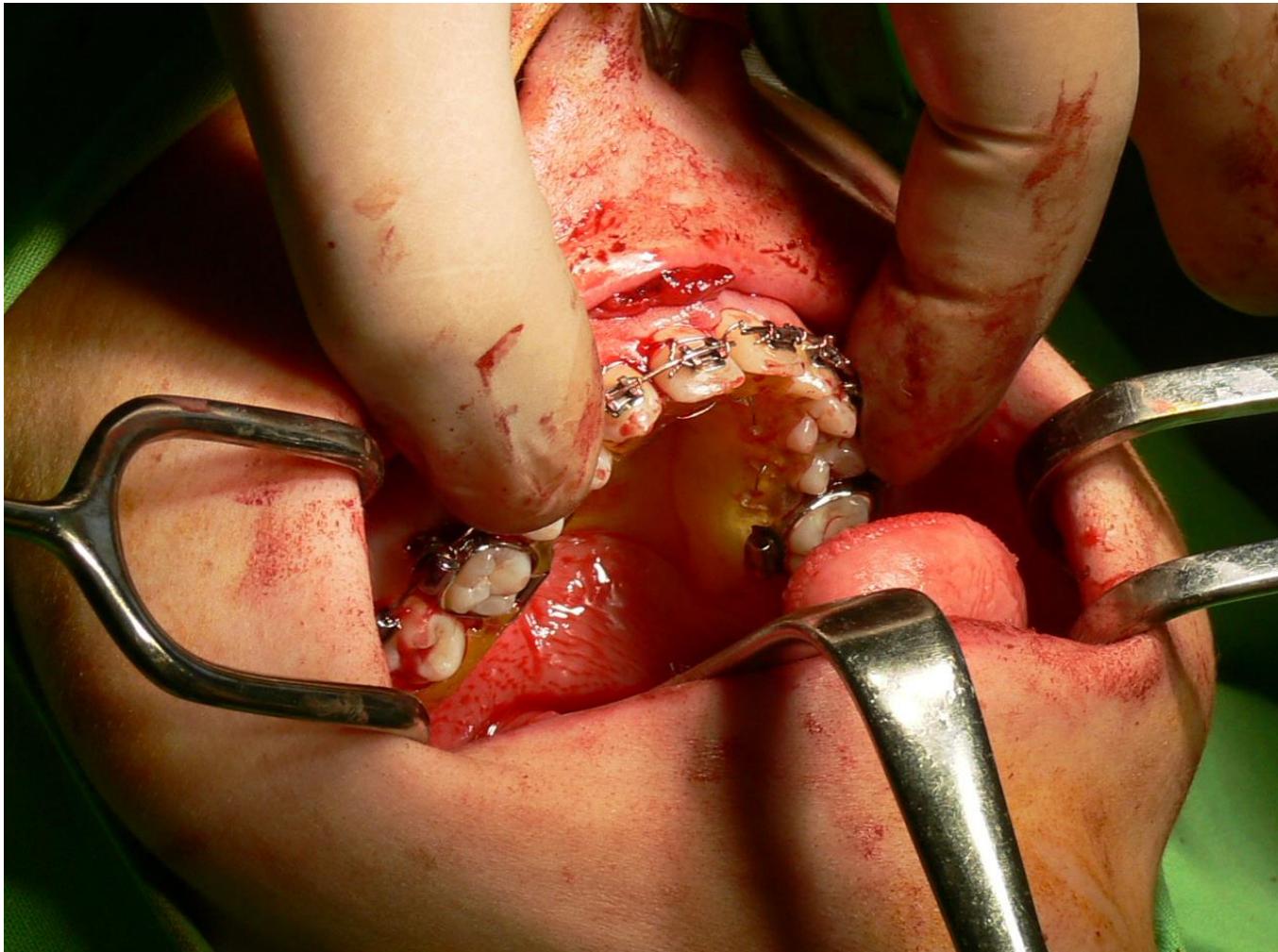
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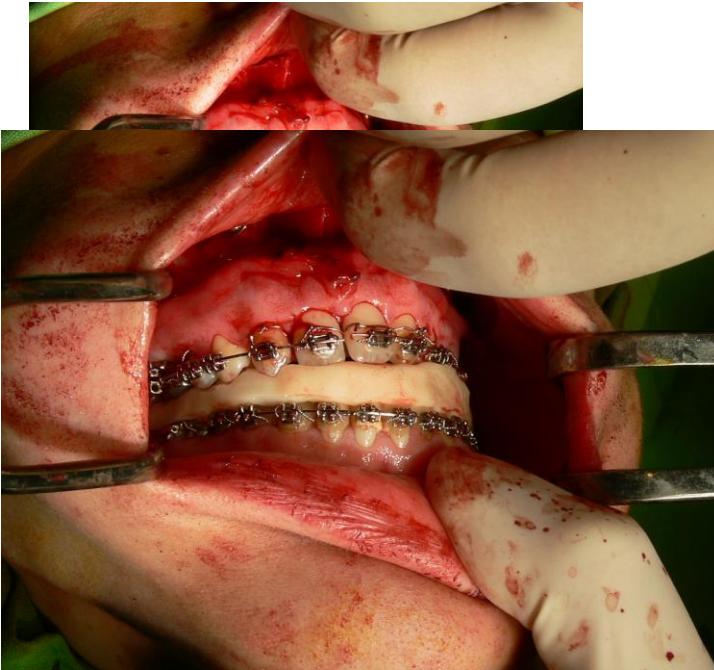
# Le Fort I. osteotomi



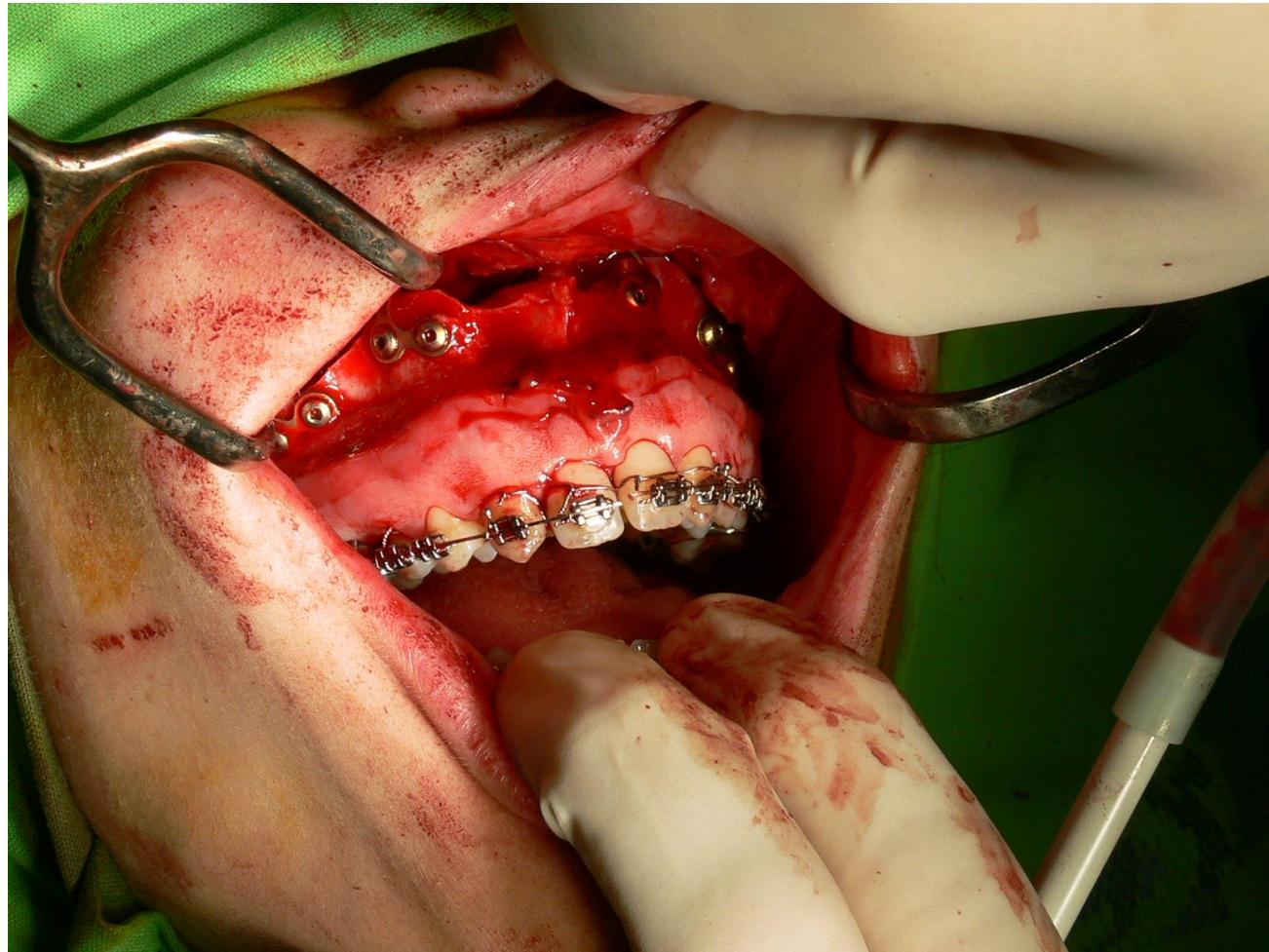
# Palatal fixation



# Az első műtéti sablon



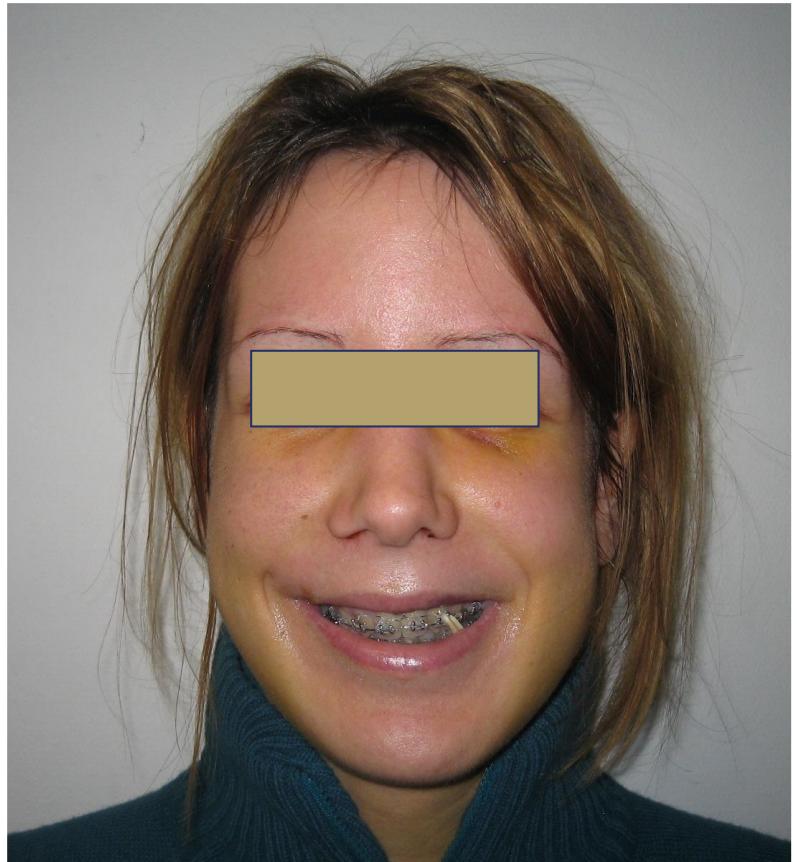
# Palatal fixation



# Dal Pont- Obwegeser



# 8 days after



97 mm

99.2

2006.09.10



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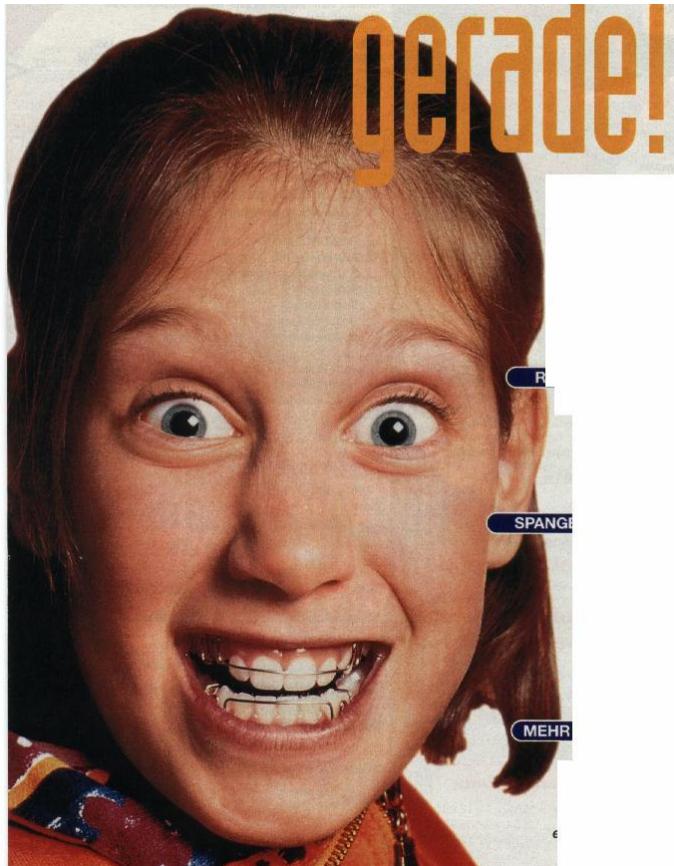




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