

Class III Treatment Strategies

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— 63-73% are skeletal

1) Cho, H. and T. Nguyen (2008). A classification system of mandibular prognathism. Oral Surgery 113: 125-134.
2) Graber LW. Chin cup therapy for mandibular prognathism. Am J Orthod 45:772-23-41



Treatment Strategies for Class III

GROWING PATIENTS
(ACTIVE GROWTH)

Adults
(NO ACTIVE GROWTH)

Treatment Strategies for Class III

Pseudo Class III

Adults
(NO ACTIVE GROWTH)

↓ ↓

Pseudo Class III

Class III

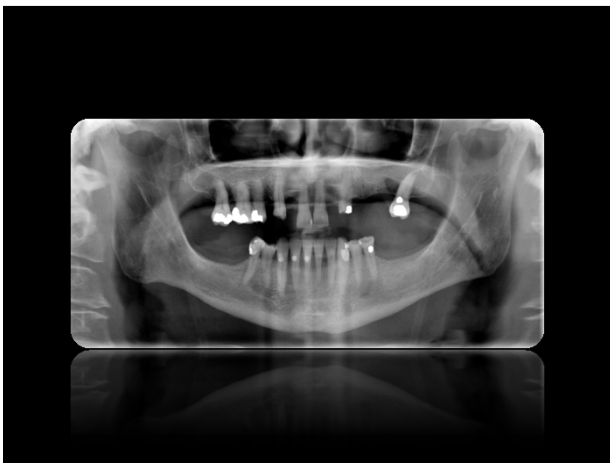
Treatment Strategies for Class III

Eduardo ♂

Beginning of treatment:
68.10 years

Treatment time:
4 months

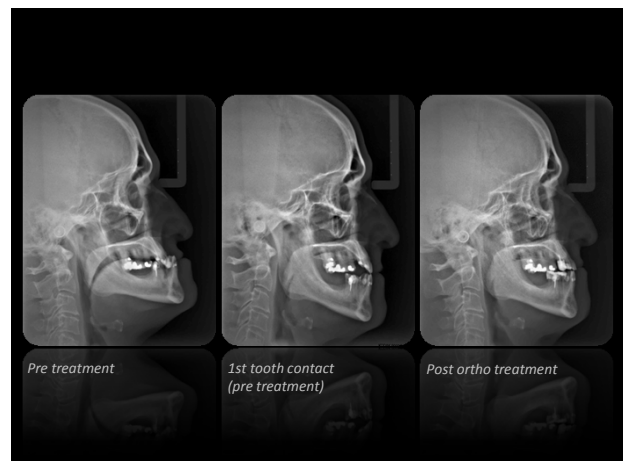
Chief complaint:
"biting and hearing problems"

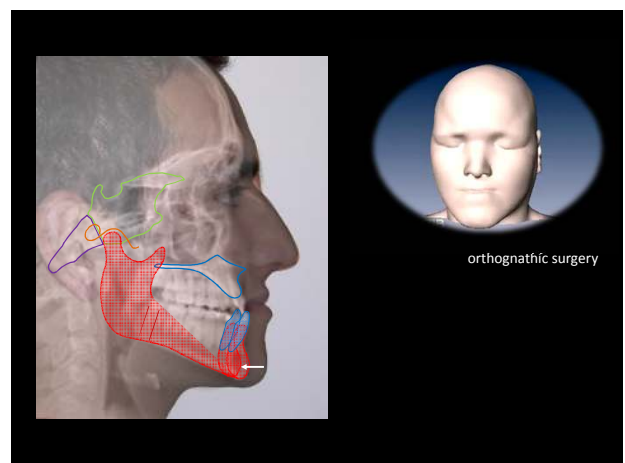
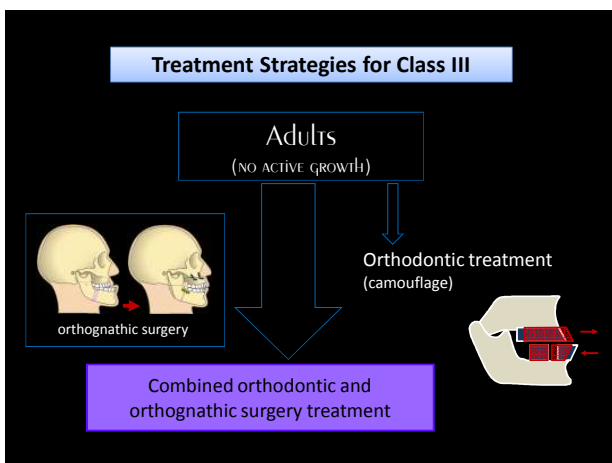
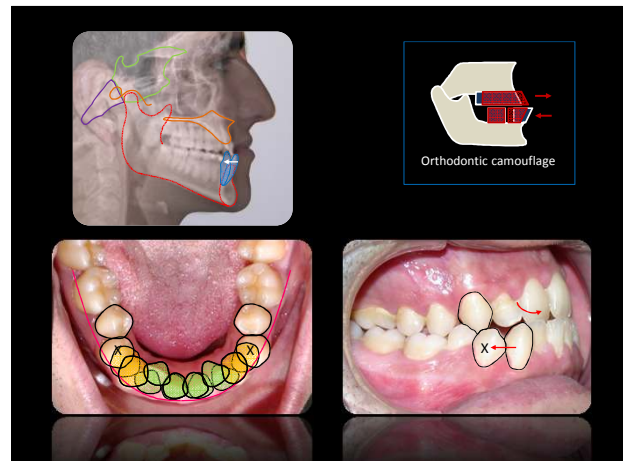
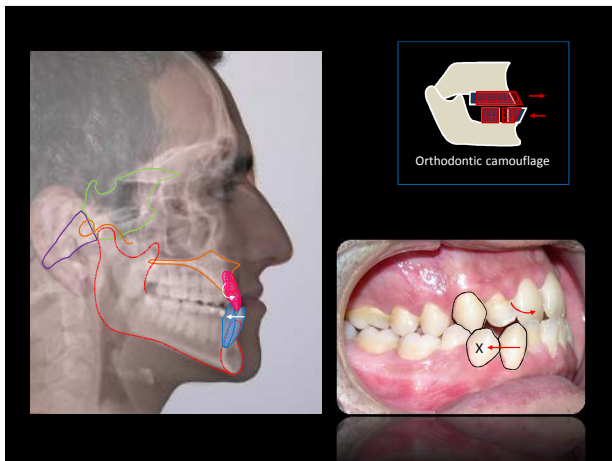
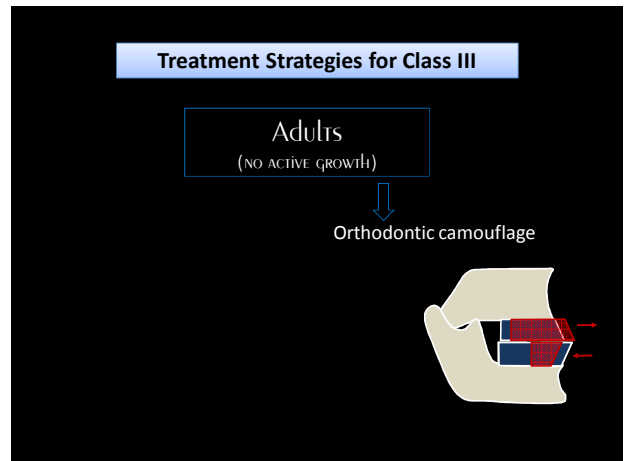
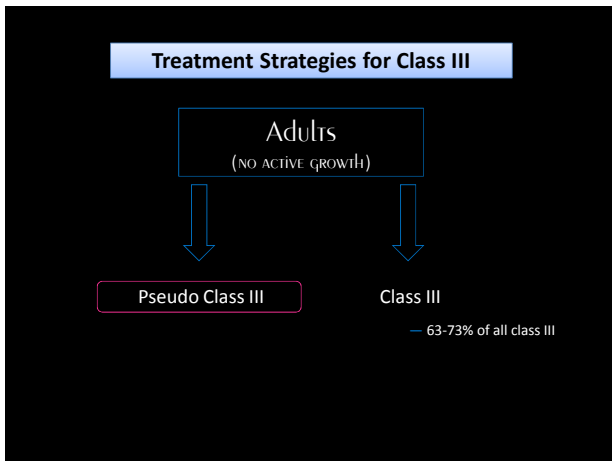


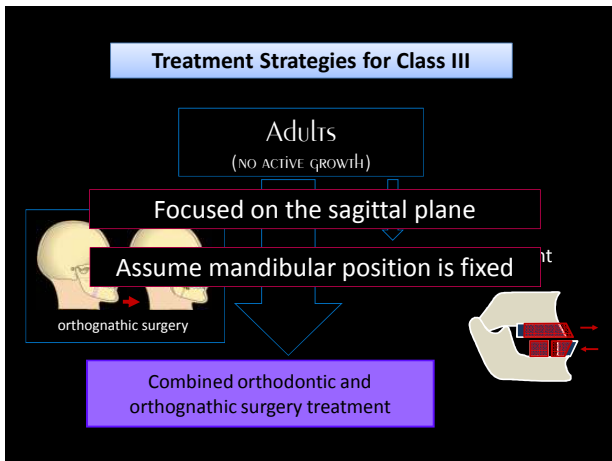
Problem List

- Chief complaint : reverse bite; hearing problems
- Skeletal Class III (severe) - APDI 108,2°
 - Severe mandibular prognathism - SNB 87°
 - Low angle
 - Lower facial height diminished
 - Skeletal deep bite tendency - ODI 55,7°
- Dental Class III
 - Anterior cross bite
 - Upper incisors: strongly retruded and extremely retro inclined
 - Lower incisors protruded
 - No posterior support







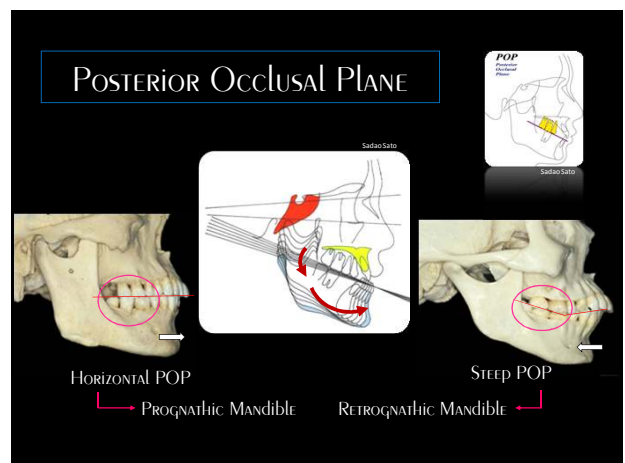
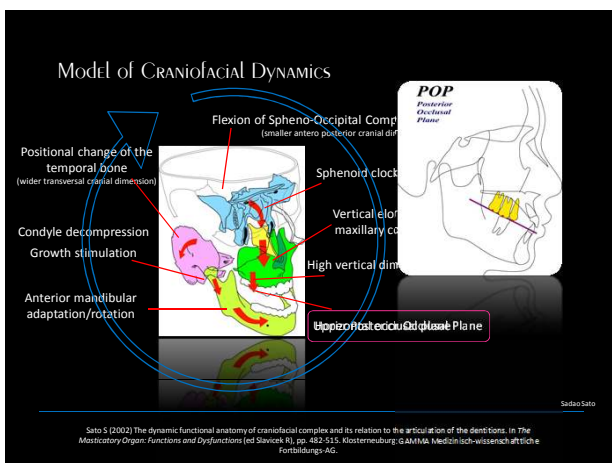
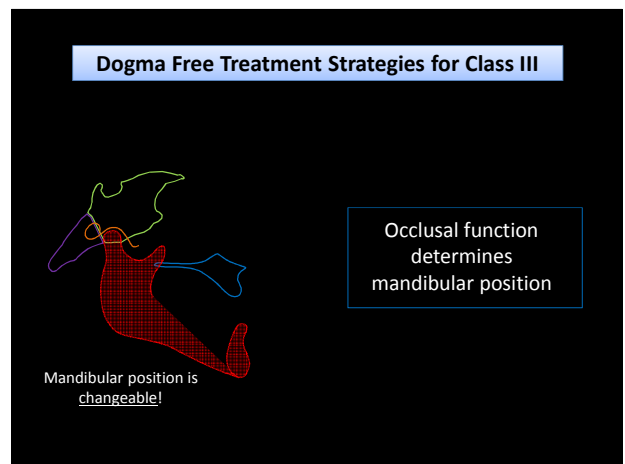


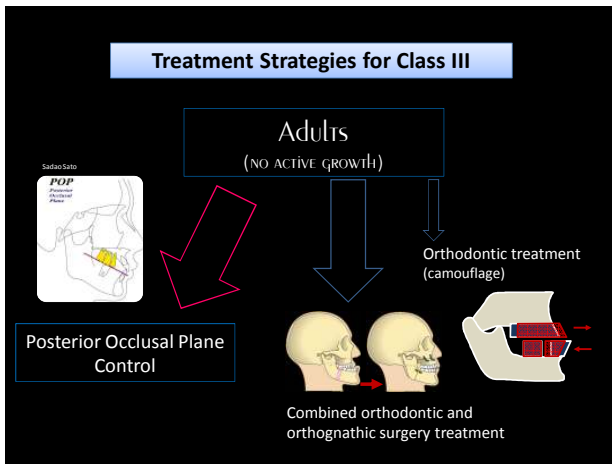
Dogma Free Treatment Strategies for Class III

Class III malocclusion is mainly a vertical problem, who's symptoms are reflected on the sagittal plane

We need to start taking the vertical plane into account in our treatment strategies

Prof. Sadao Sato





Posterior Occlusal Plane Control

Multiloop EdgeWise ArchWire (MEAW)

Prof. Young H. Kim Prof. Sadao Sato

Tiago ♂

Beginning of treatment : 20.00 years

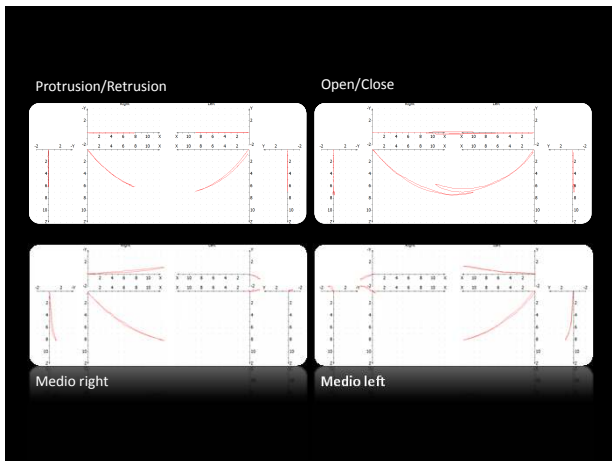
Treatment time : 16 months

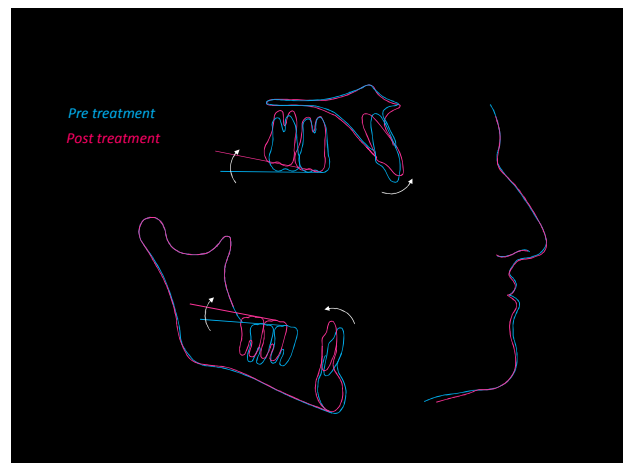
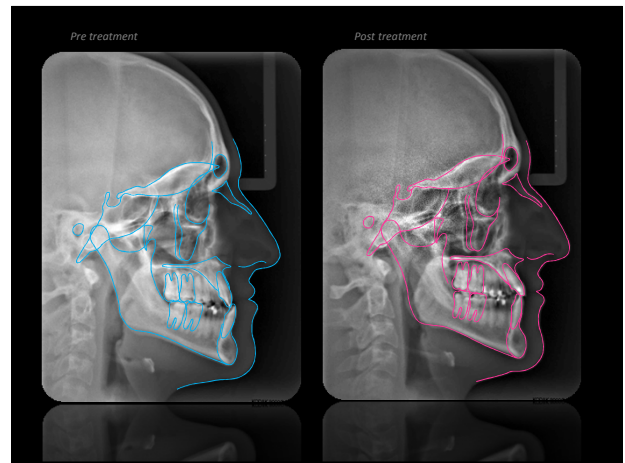
Chief complaint : "anterior cross bite"

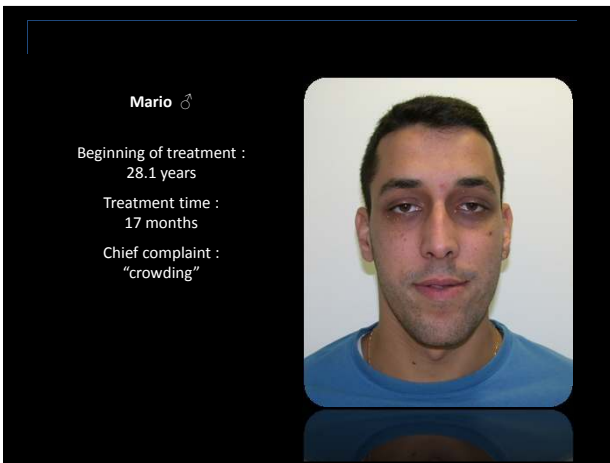


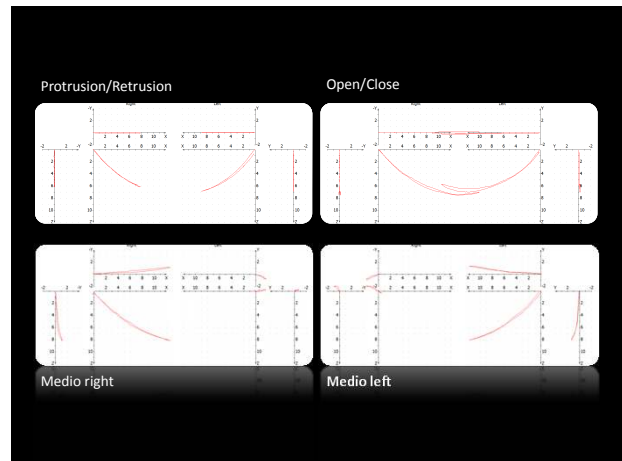
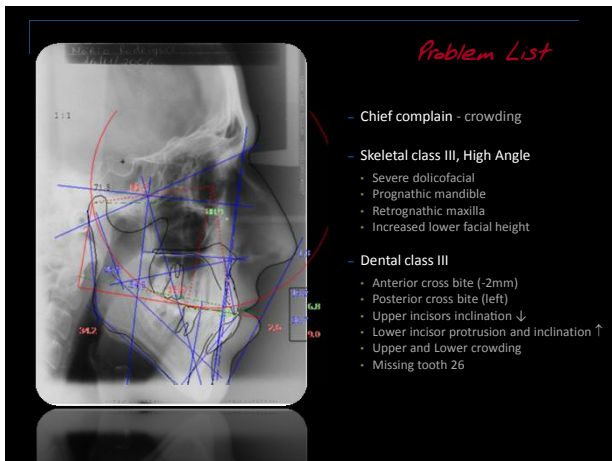
Problem List

- Chief complaint : cross bite
- Skeletal Class III (severe) (APDI 95,1°)
 - Prognathic mandibular
 - Low angle
 - Skeletal deep bite tendency (ODI 63,7°)
- Dental Class III
 - Anterior cross bite
 - Posterior left side cross bite
 - Upper incisors: retruded and retro inclined
 - Teeth to teeth size discrepancy (lat. incisors)

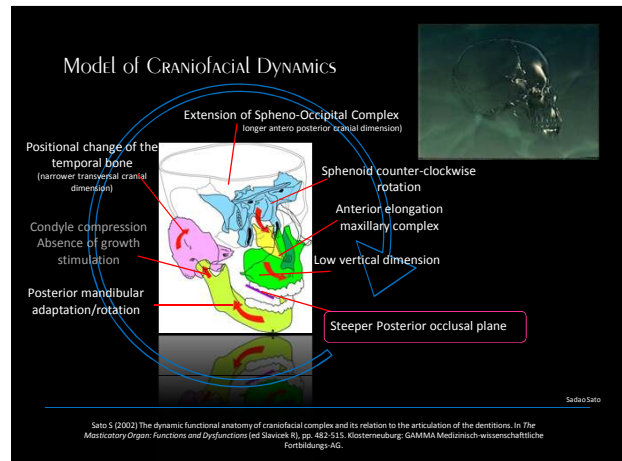
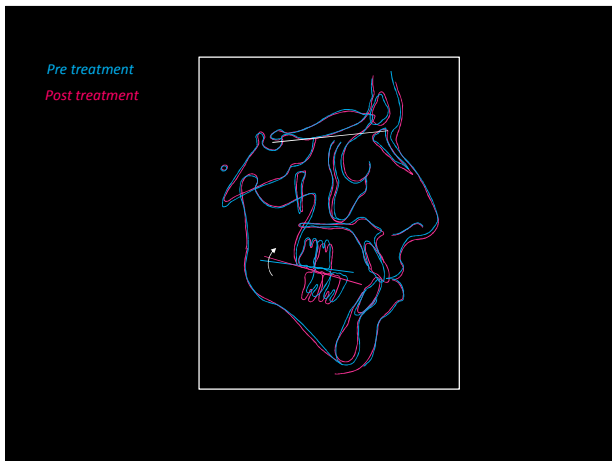
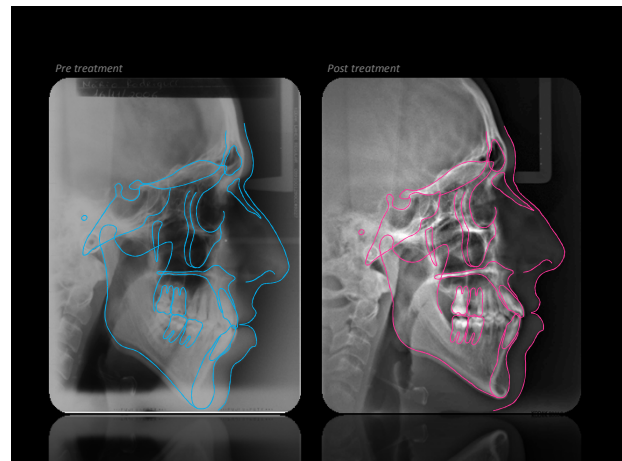




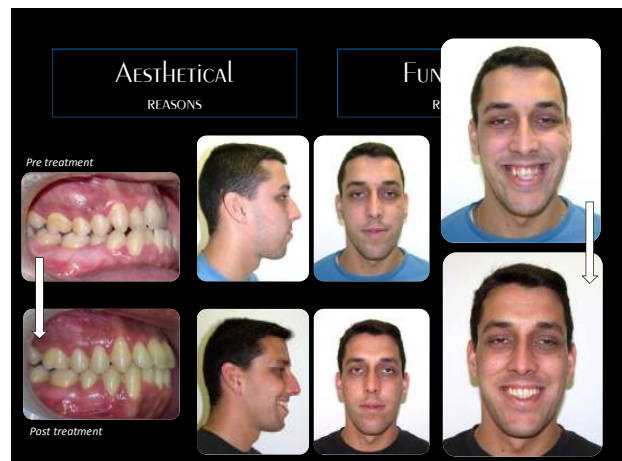


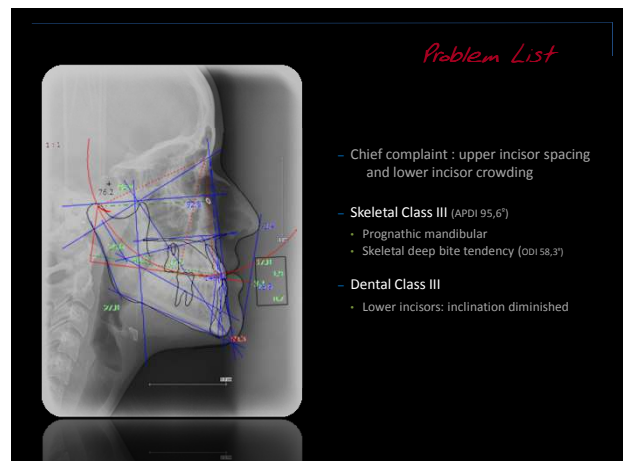
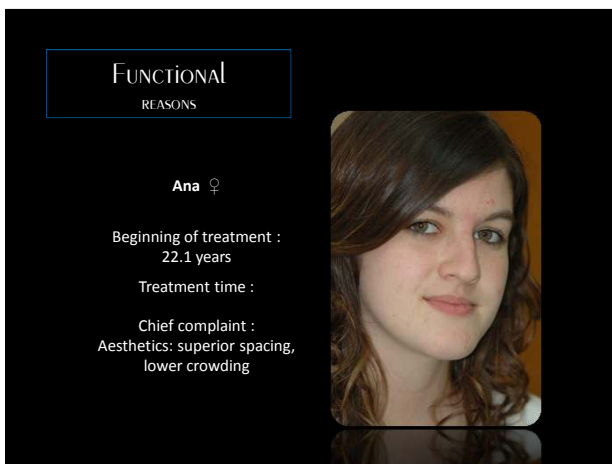
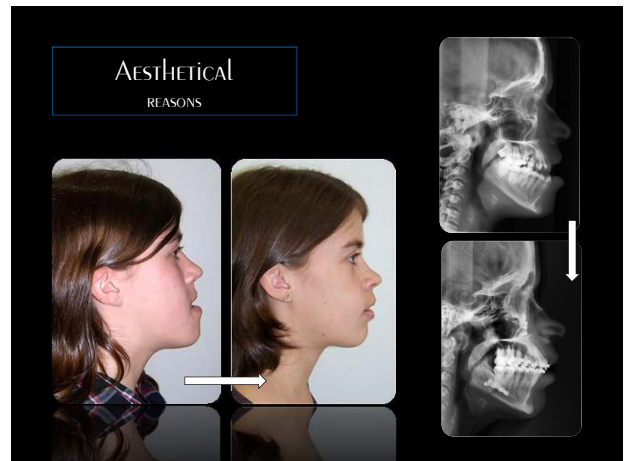
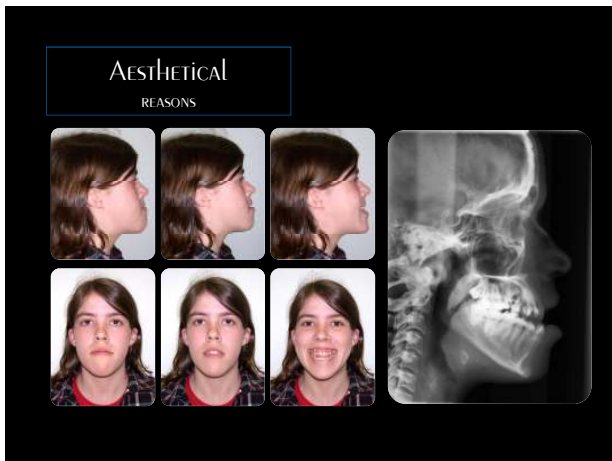


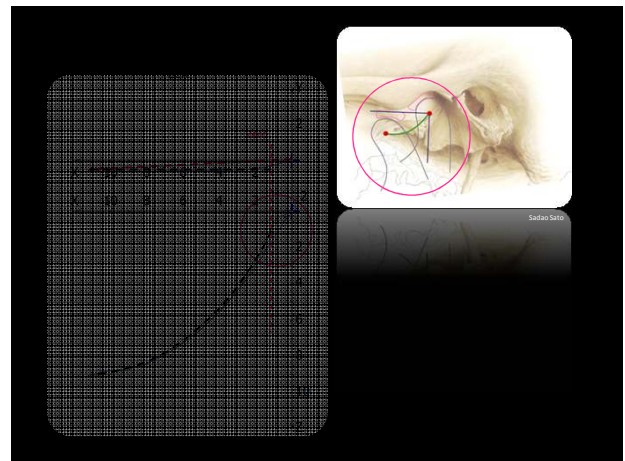
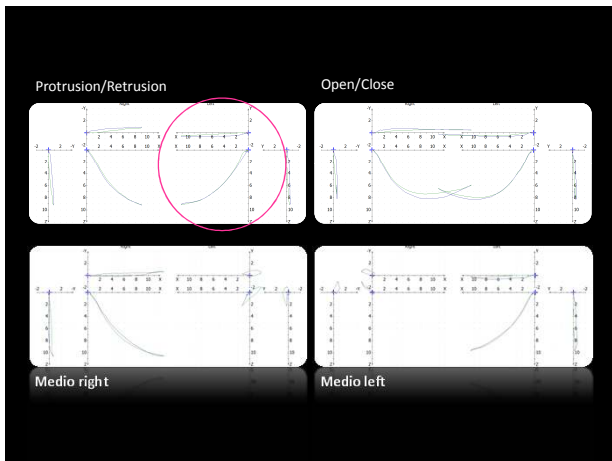




Can all adult skeletal class III cases be treated in this way?
They shouldn't!







Take Home Message

- Mandibular position can be changed
- There are non-surgical solutions for the treatment of adult skeletal Class III

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감사합니다
Thank you!
Muito obrigado!