

SFOT

***A challenge to our beliefs...***

**Identifier: 13 years old caucasian female**

**Chief complaint: "I am here because my orthodontist would like me to have 4 teeth extracted"**

**Medical history: Penicillin and sulfa drug allergy, environmental allergies, history of Eczema**

**Current medications: Singulair, Zyrtec, Nasonex, eye drops (allergy related), Mometasone furoate**

**Physical status classification: ASA II**

# Management of the Crowded Dentition

*Initial Examination*



*Malocclusion/Crowding*

*Congenitally Missing #13*

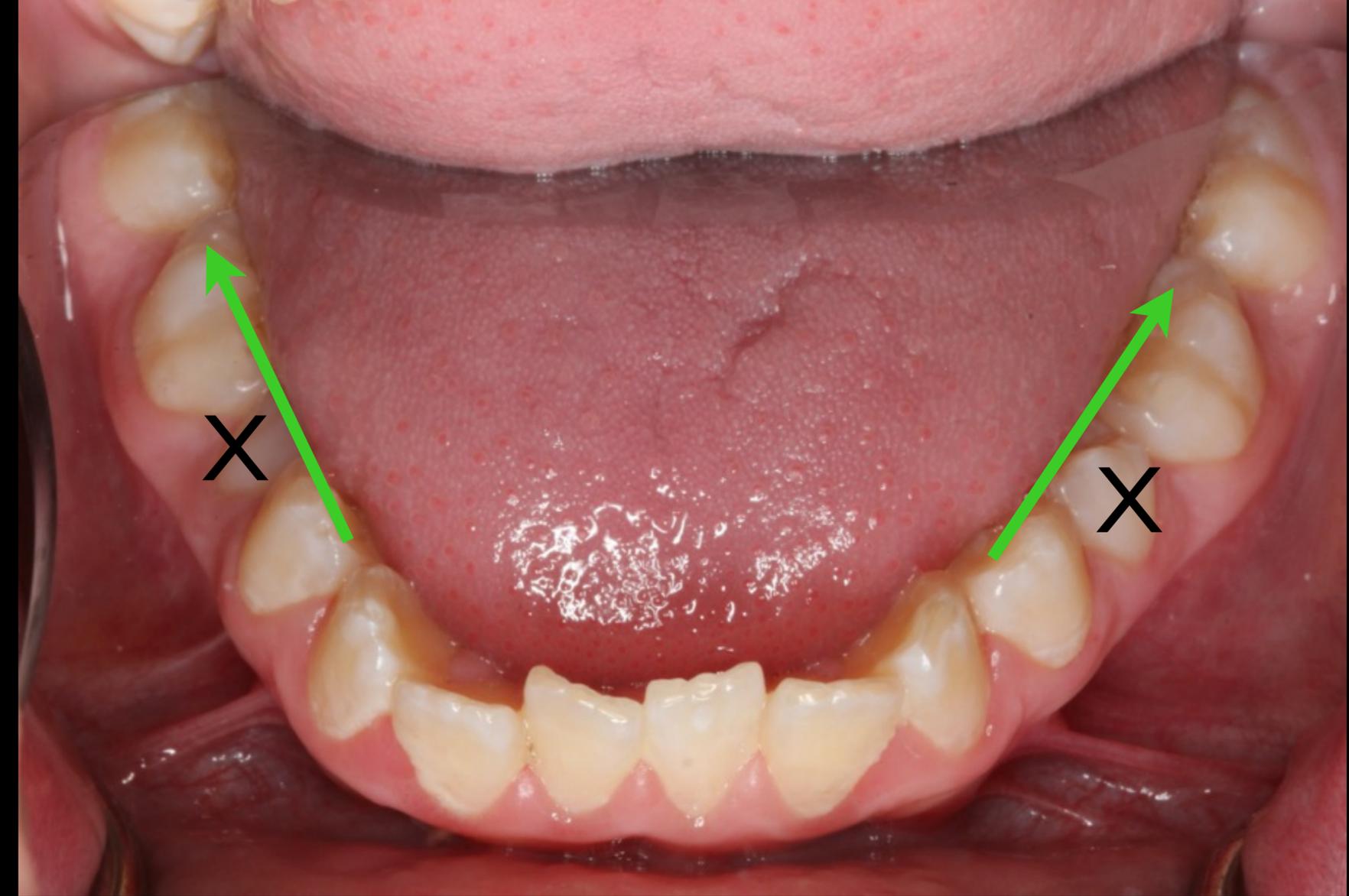
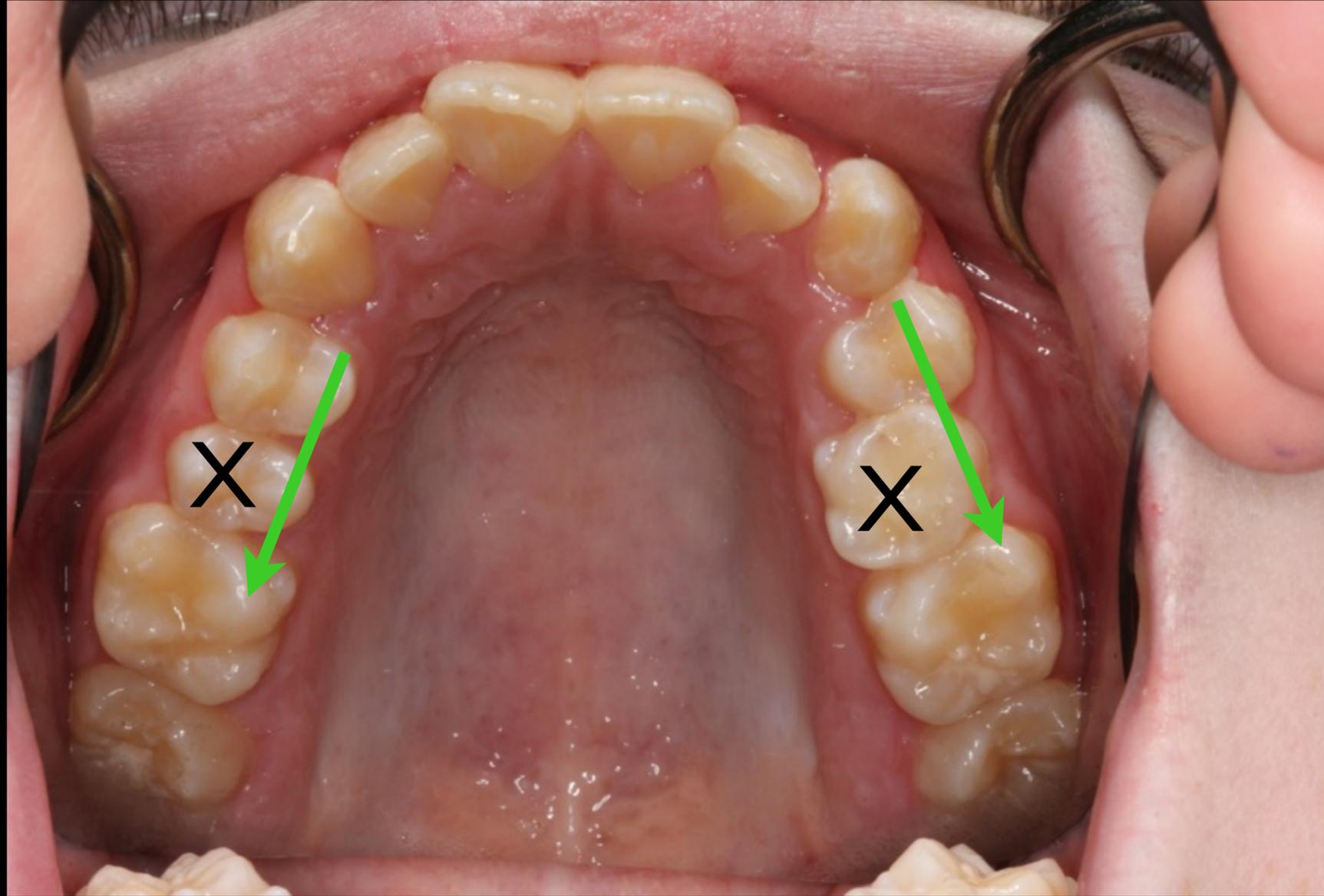
# Radiographs



*Developing Thirds*

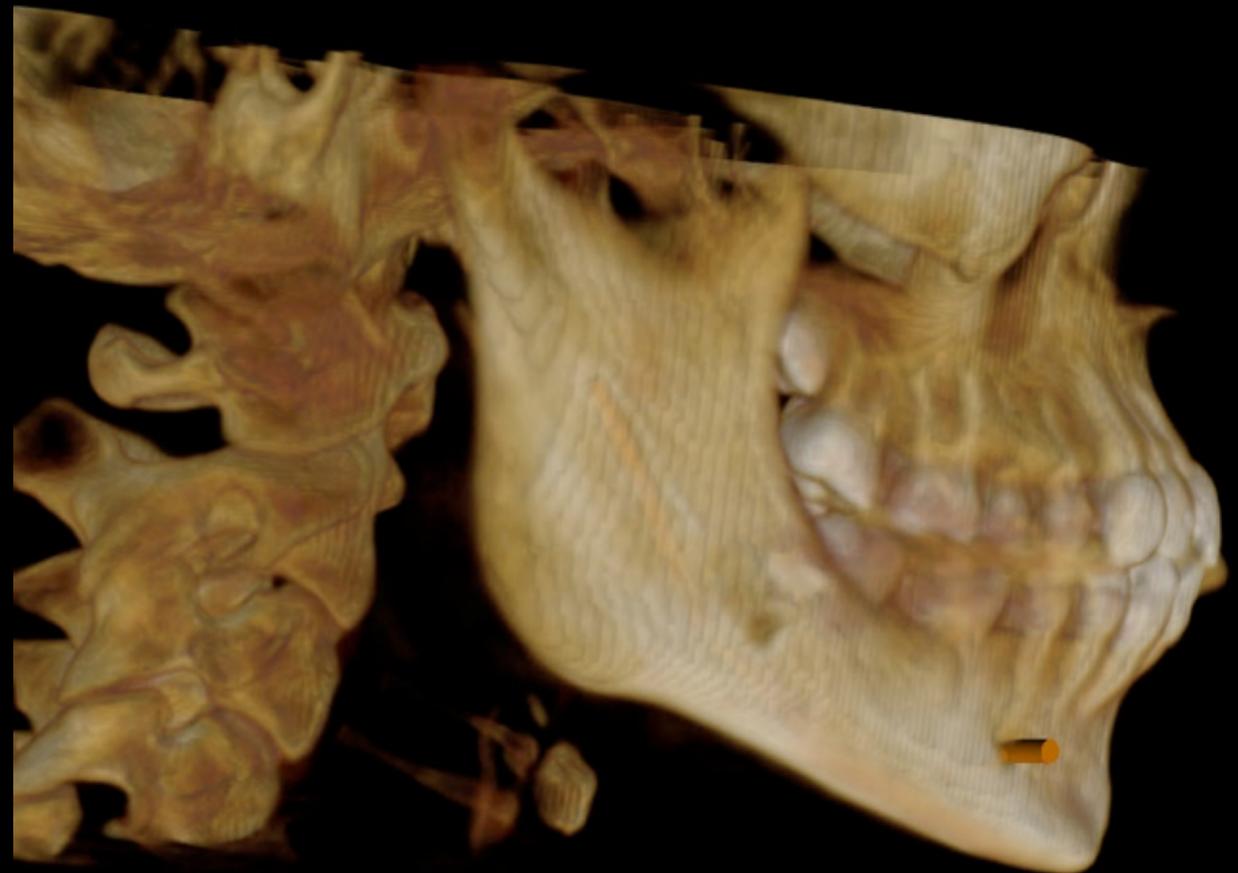
# Treatment Plan

*Extraction*



*Non-Extraction*

# Imaging Assessment

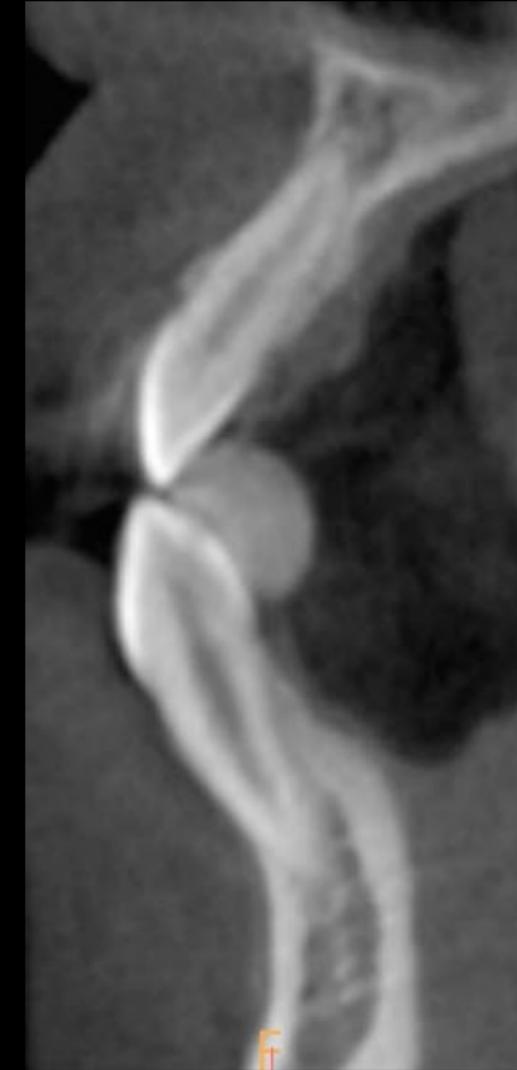
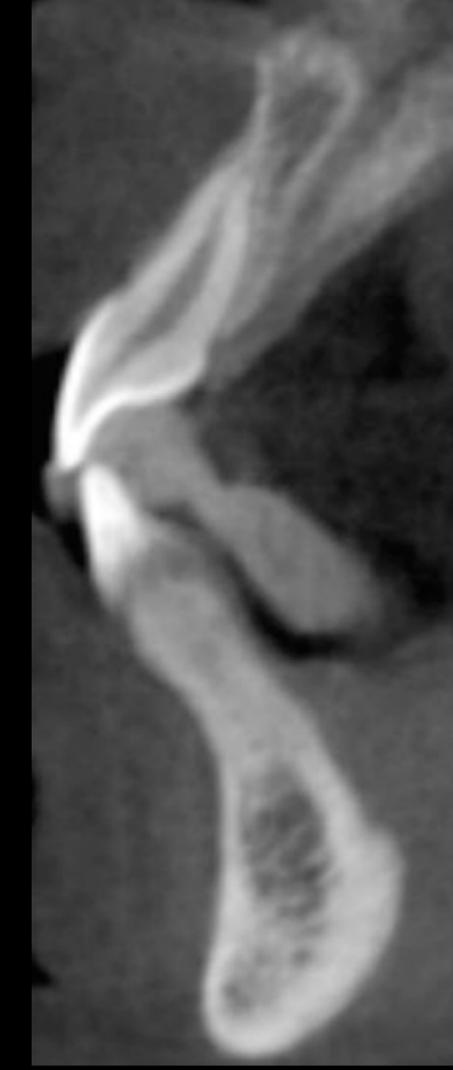


CBCT

Cranio-mandibular

# Anterior Tooth Assessment: Relationship & Risk

*Dentoalveolar Phenotype*



*Facial Bone Analysis*

#9:24

#10:22

#J:19-20

# SFOT Treatment Plan

## Problem

Altered passive/active eruption



## Management

Esthetic crown exposure



Dental Malocclusion  
Orthodontic walls



S F O T



Anchorage



T A D



# One week post surgery

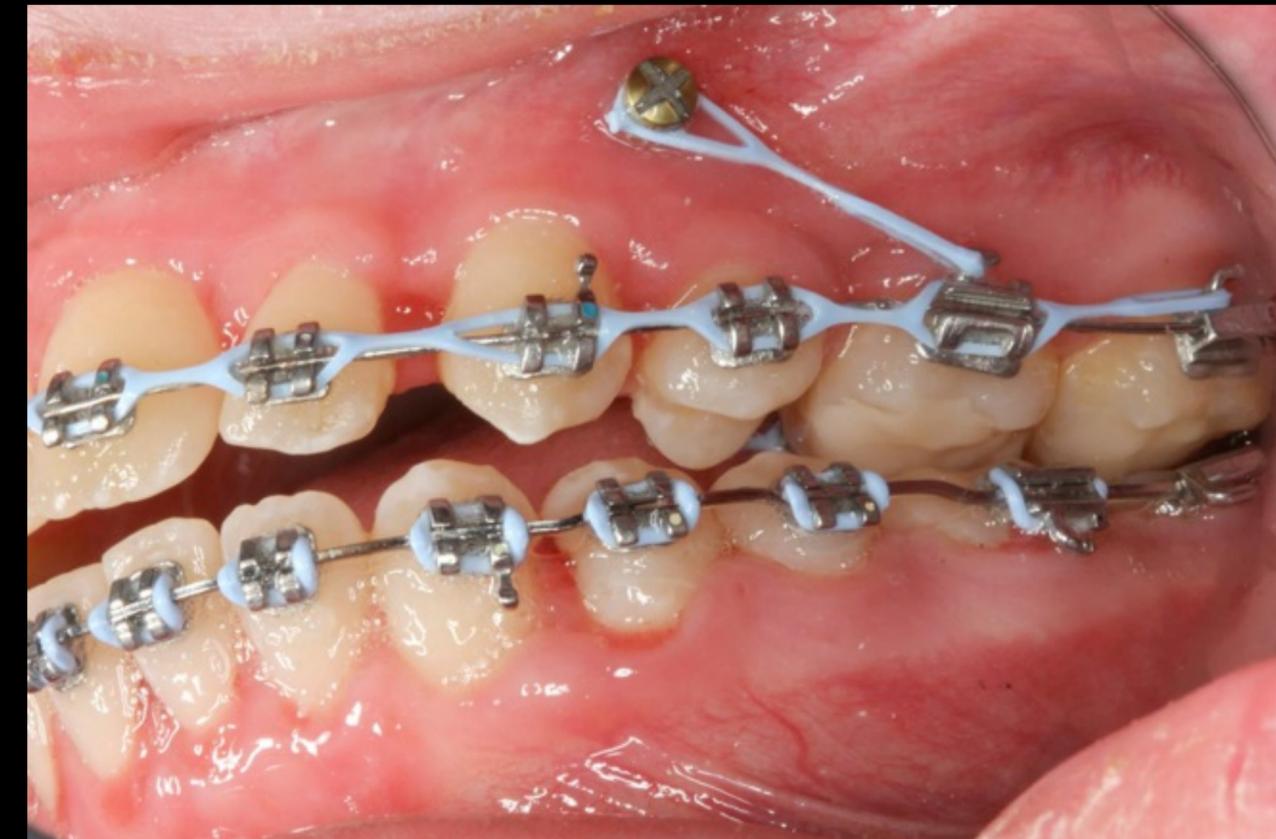


*Tissue Health*

*Passive Wound Closure*

# 6 weeks post SFOT

6 weeks post op



RAD

*Comparison at 1.5 months*



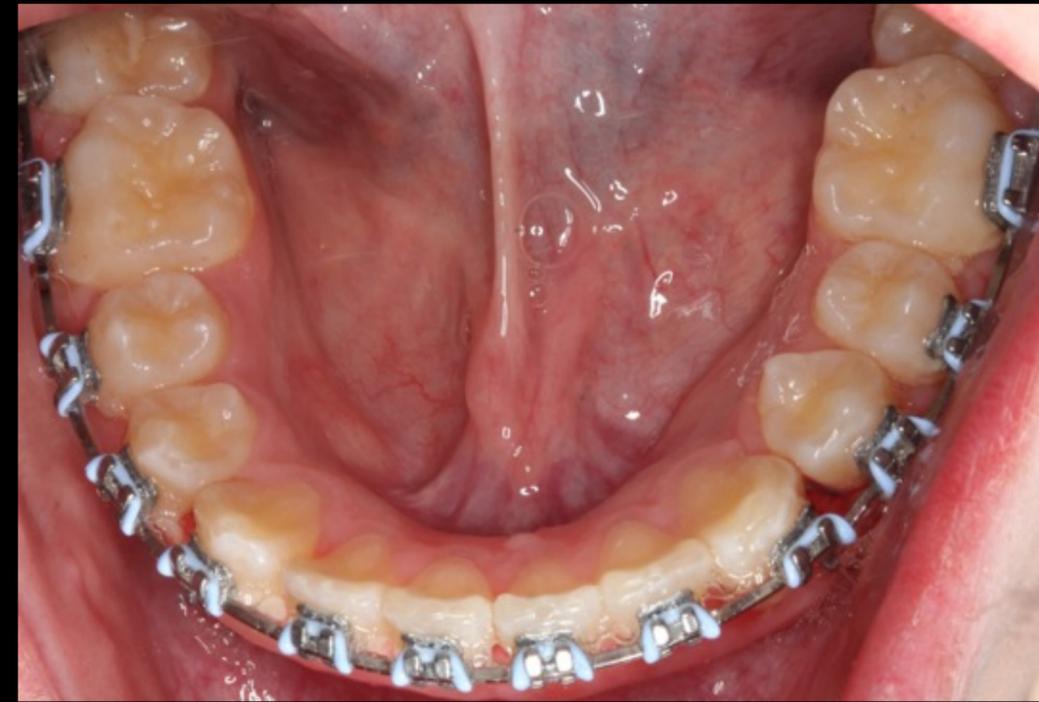
**Initial**



*Comparison at 1.5 months*

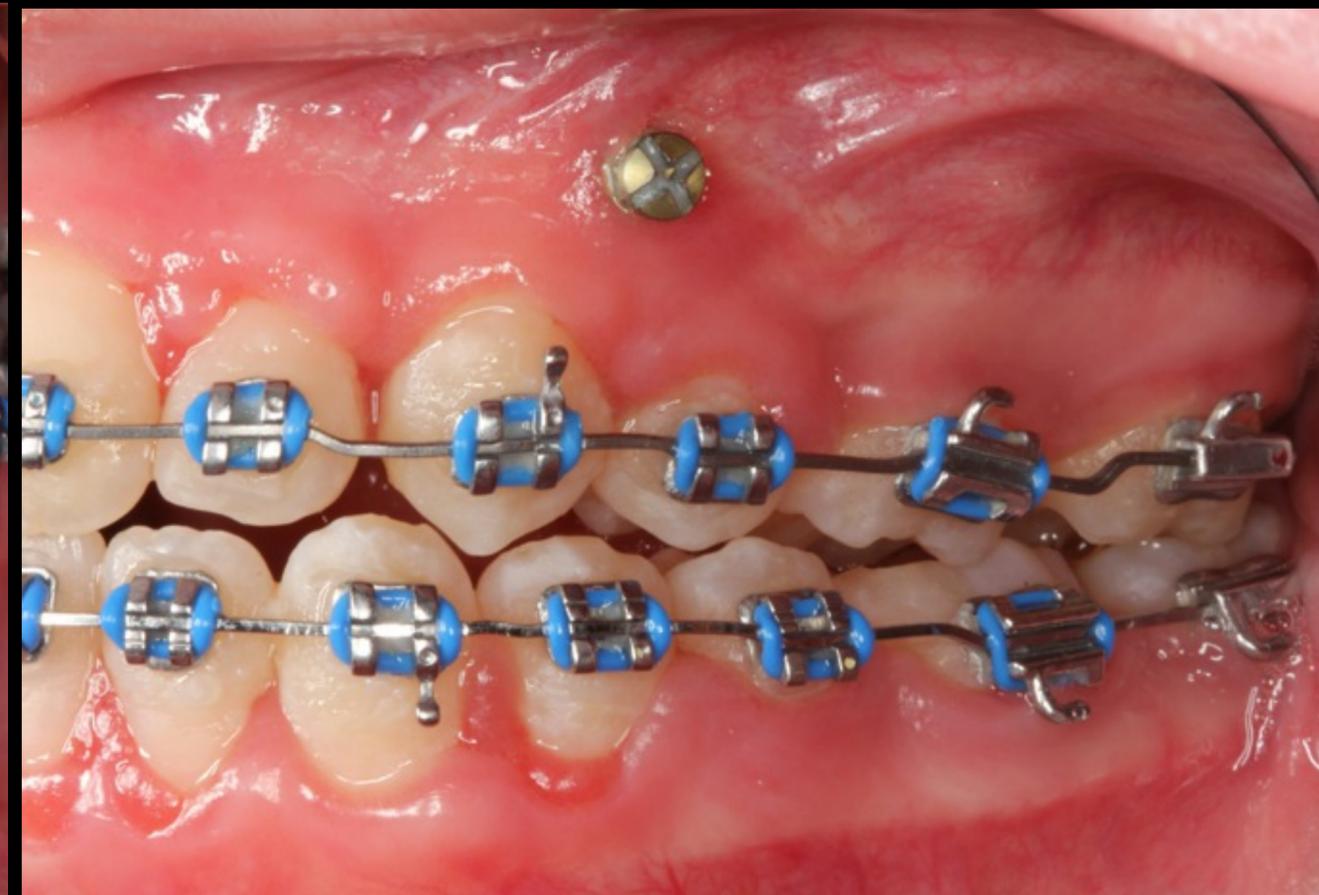
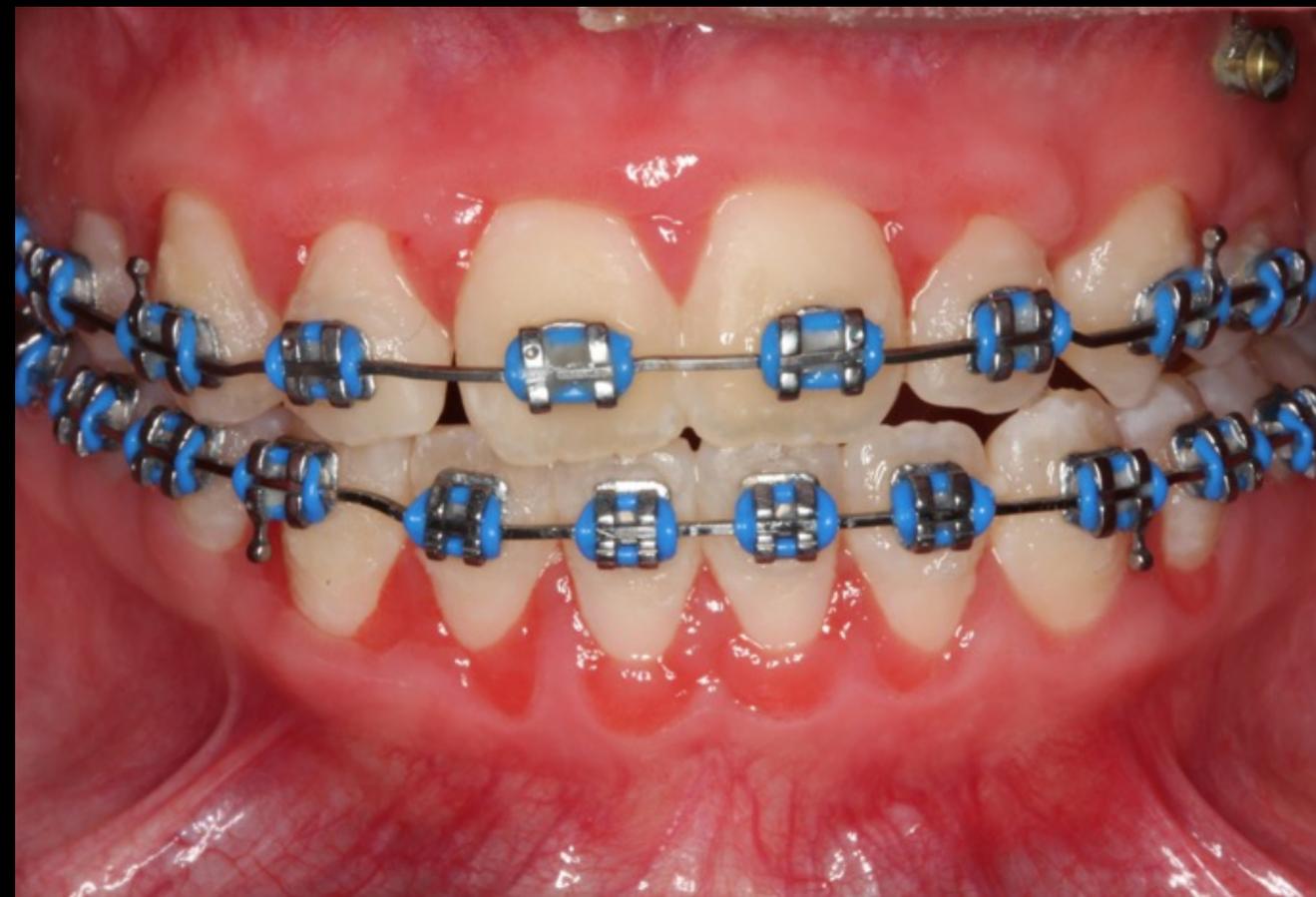
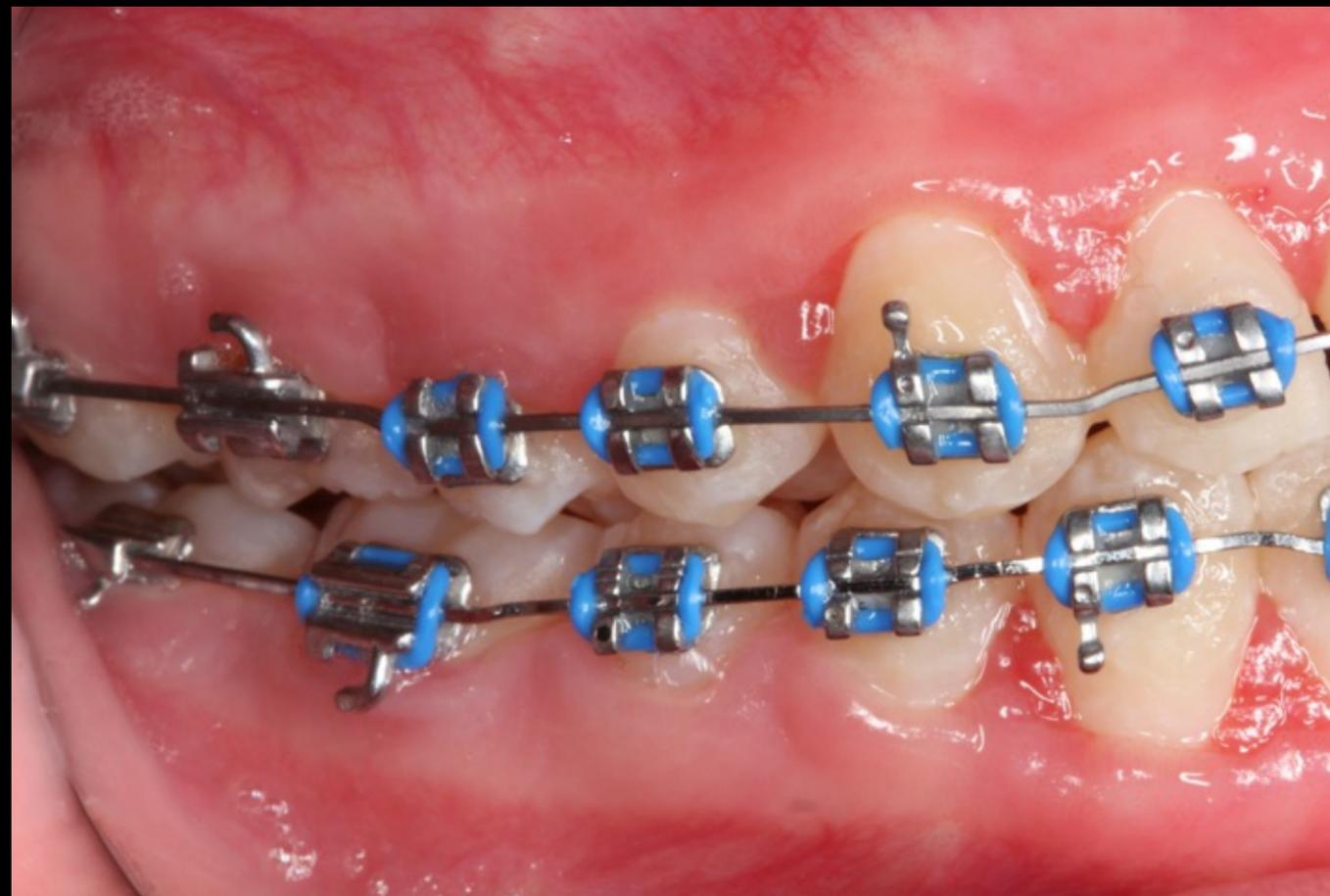


**6 weeks  
post SFOT**



# 5 months post SFOT

5 months post op



S F O T

SFOT

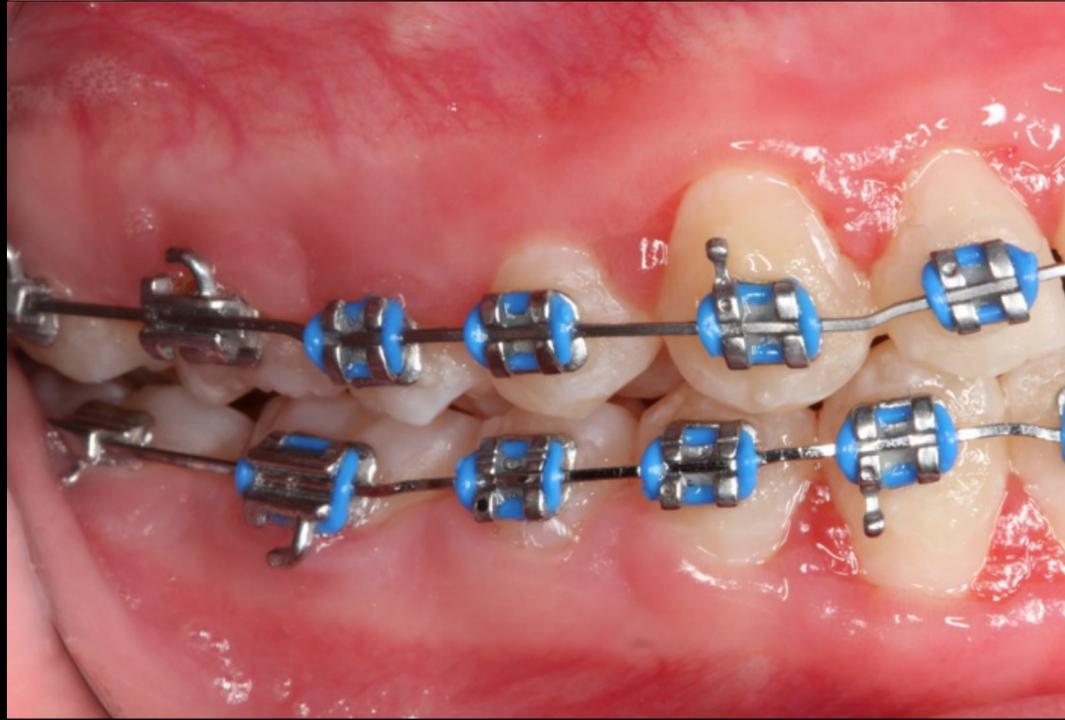
Initial



Initial

Initial vs. 5 months p.o.

5 month post op



5 month post op

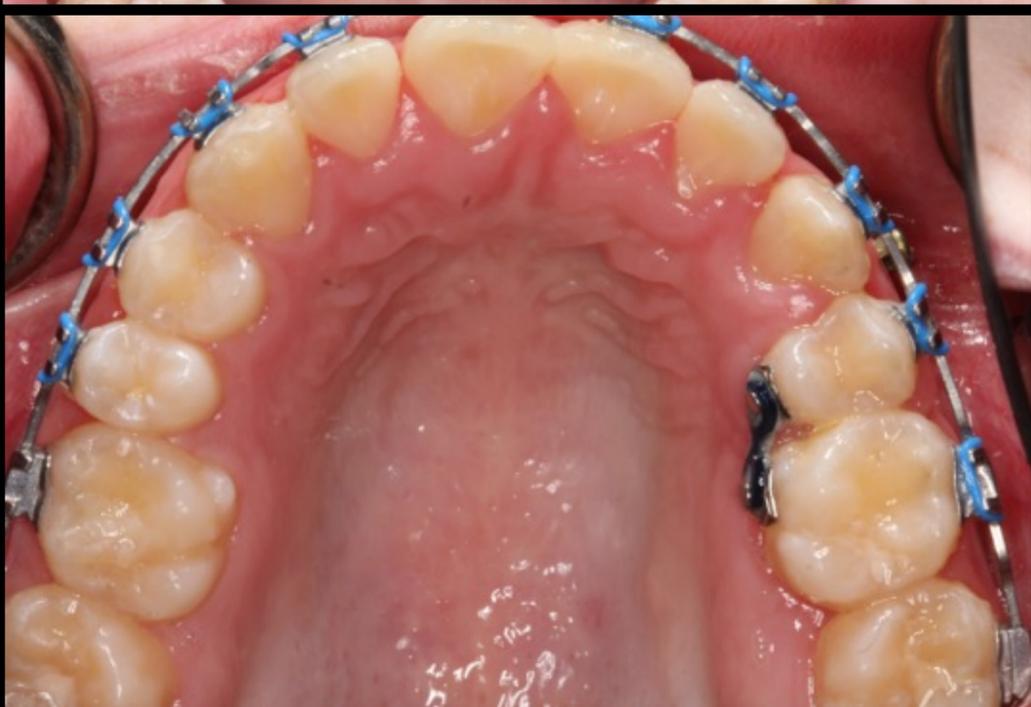
*Comparison at 5 months*



**Initial**



*Comparison at 1.5 months*



**5 months  
post SFOT**



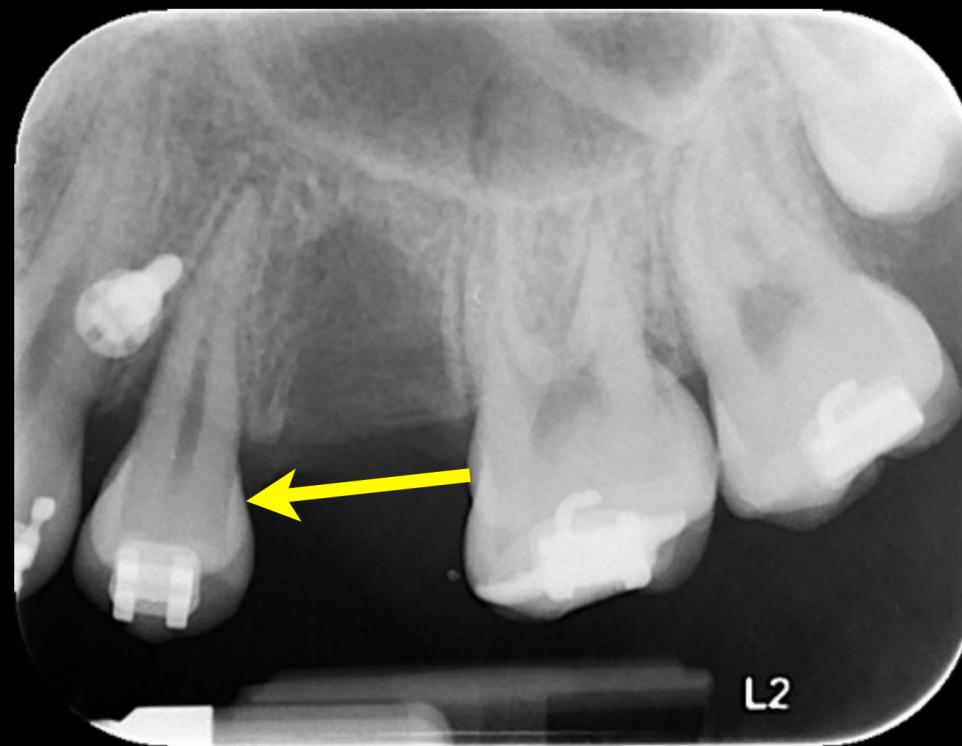
**pre surgery**

**directly post op**

**6 weeks post op**

**5 month post op**

*Radiographs*



*Radiographs*