

**German 3D  
Dental Factory**

# Case Studies



# Case AA067

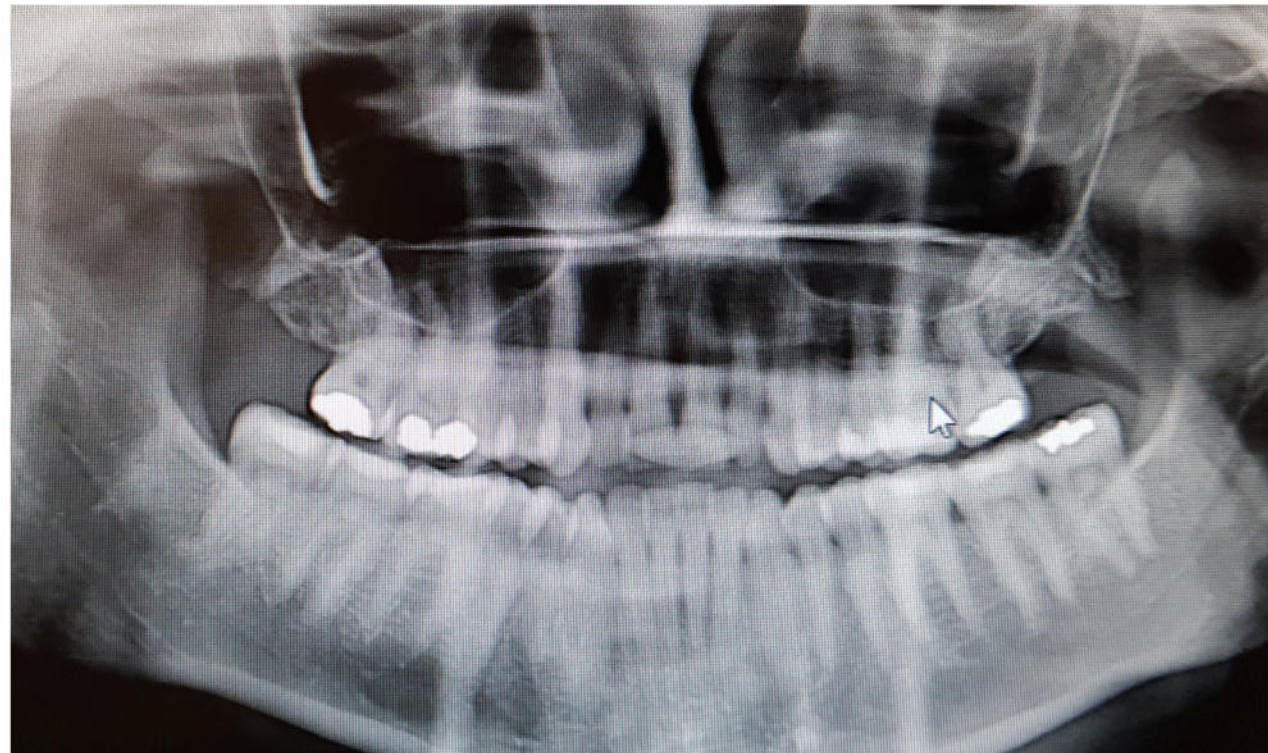


# Case AA067



AA067

# X-ray



fixtur

# Case Details

**Case ID:** AA067

**Gender:** male

**Birthdate:** 25 Jan 1990

**Diagnosis:** crowding, class I

**Analysis of X-ray:** no crowns, fillings on molars

**Treatment Goal:** align upper and lower jaw,  
correct crowding without extraction



# Treatment Plan

**Duration of Treatment:** 7,5 months upper jaw; 12,5 months lower jaw

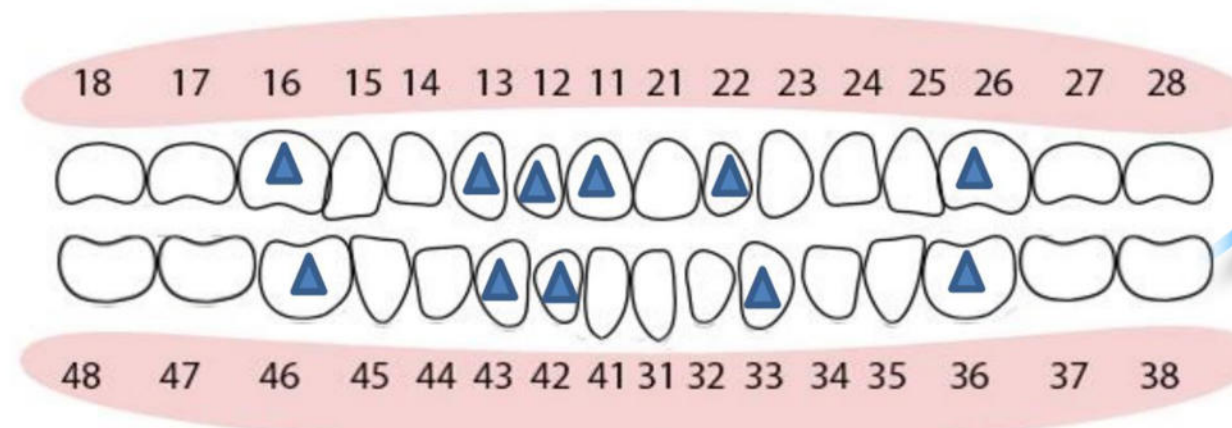
**Number of Aligners:** 15 upper jaw; 25 lower jaw

**Treatment Approach:** tooth 31 was moved 2,35 mm to vestibular; tooth 42 was moved 2,27 mm to vestibular; tooth 12 was rotated by 16 degrees; tooth 13 was rotated by 14 degrees; occlusion didn't change but bite changed; aggressive IPR on lower jaw

## IPR:

14	13	13	12	12	11	11	21	21	22	22	23	23	24
m	d	m	d	m	d	m	m	d	m	d	m	d	m
44	43	43	42	42	41	41	31	31	32	32	33	33	34
m	d	m	d	m	d	m	m	d	m	d	m	d	m
		,20	,20	,20	,20	,20	,20	,20	,20	,20	,20		

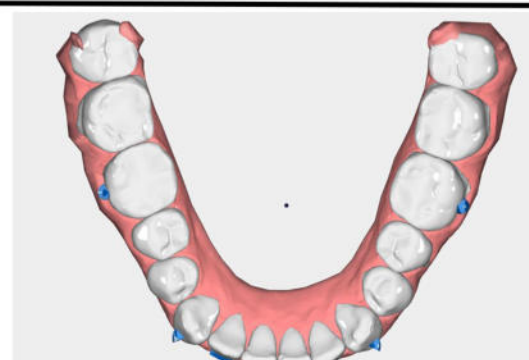
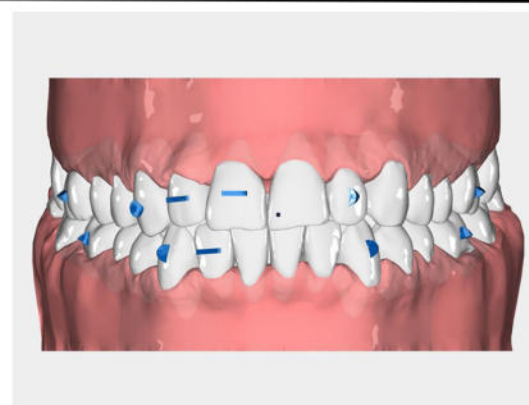
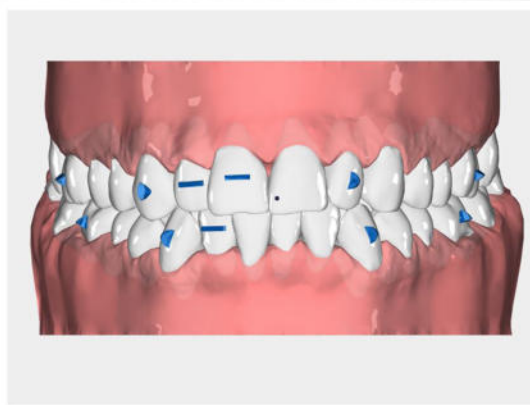
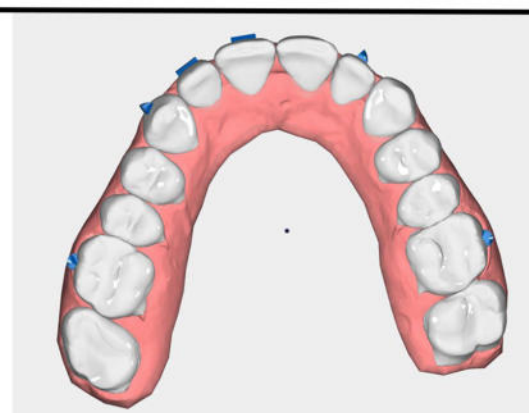
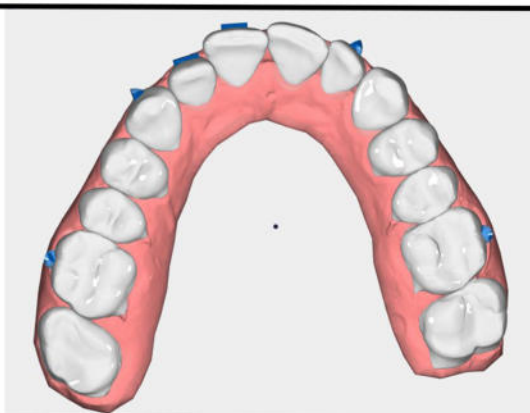
## Attachments:



# 3D Simulation

Start

Prognosis



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# Treatment Outcome

Before

After



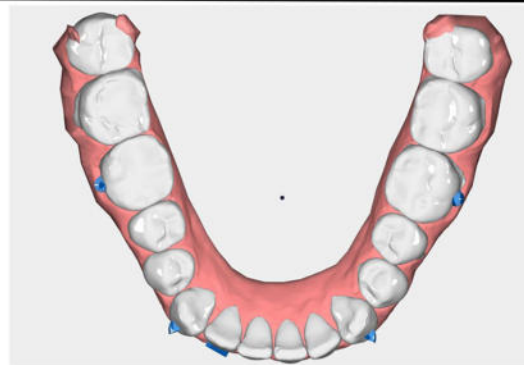
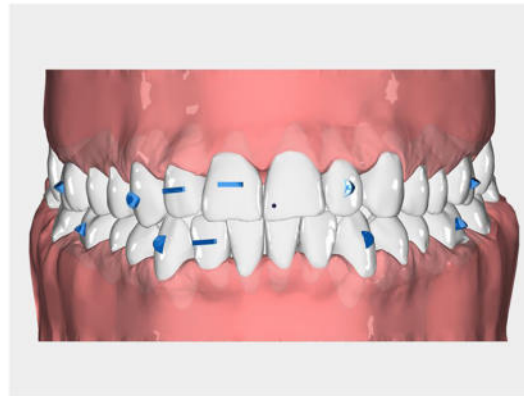
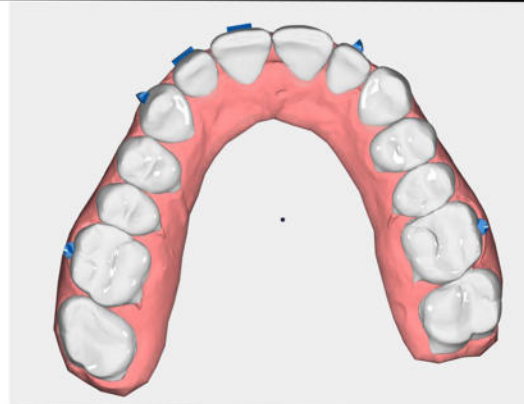
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# Comparison of Prognosis and Result

Prognosis

Result



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# Case AA065

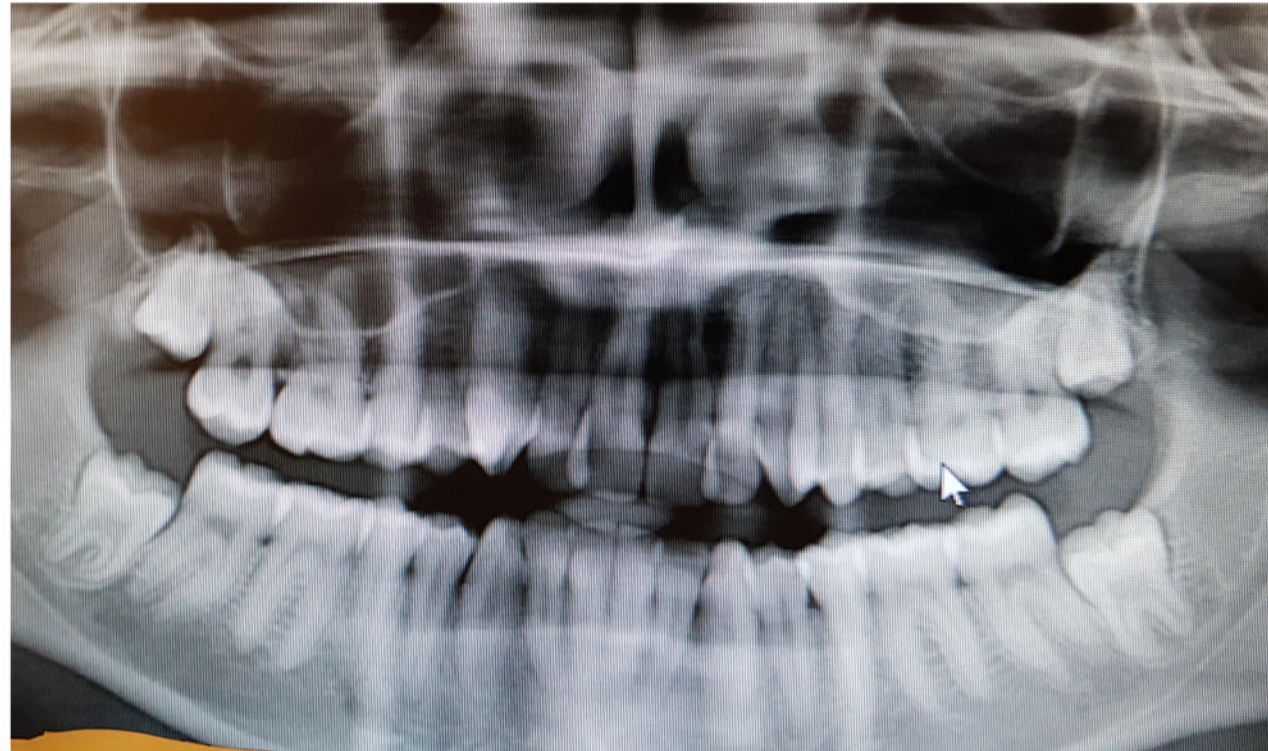


# Case AA065



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# X-ray



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# Case Details

**Case ID:** AA065

**Gender:** male

**Birthdate:** 01 Jan 1991

**Diagnosis:** crowding and crossbite, class I

**Analysis of X-ray:** no crowns or fillings

**Treatment Goal:** align upper and lower jaw, correct crossbite



# Treatment Plan

**Duration of Treatment:** 11,5 months upper jaw, 11 months lower jaw

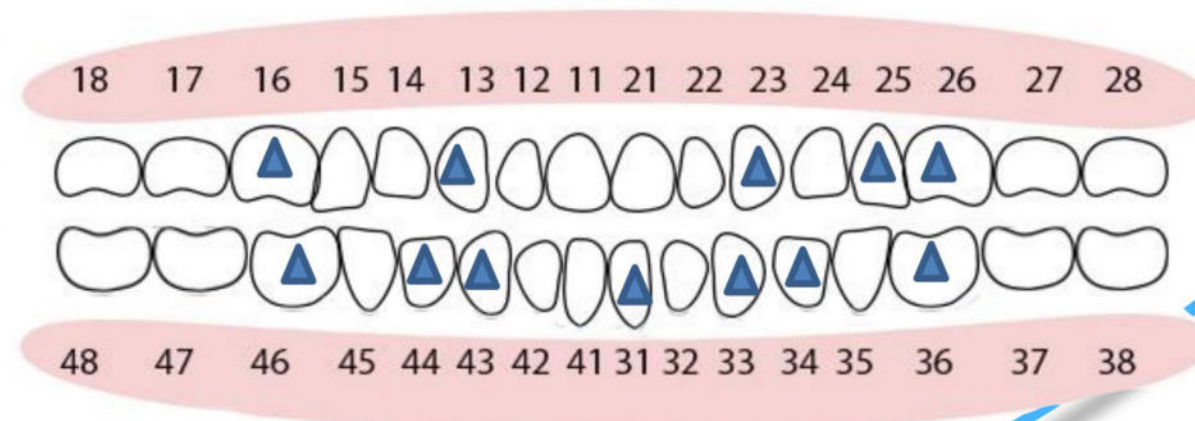
**Number of Aligners:** 23 upper jaw, 22 lower jaw

**Treatment Approach:** tooth 16 was moved 1,40 mm to vestibular; tooth was 46 moved 1,86 mm to lingual; tooth 12 was intruded by 0,60 mm; tooth 31 was rotated by 30 degrees; tooth 41 was rotated by 25 degrees; tooth 11 was rotated by 17 degrees; tooth 21 was rotated by 24 degrees; occlusion and bite changed (correction of crossbite); aggressive IPR on both jaws (to create space for rotation movements without making an overjet)

## IPR:

13	12	12	11	11	21	21	22	22	23
m	d	m	d	m	m	d	m	d	m
,30	,30	,30	,30	,30	,30	,30	,30	,30	,30
43	42	42	41	41	31	31	32	32	33
m	d	m	d	m	m	d	m	d	m
,20	,20	,20	,20	,20	,20	,20	,20	,20	,20

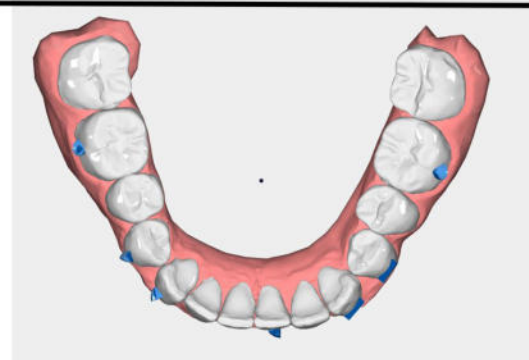
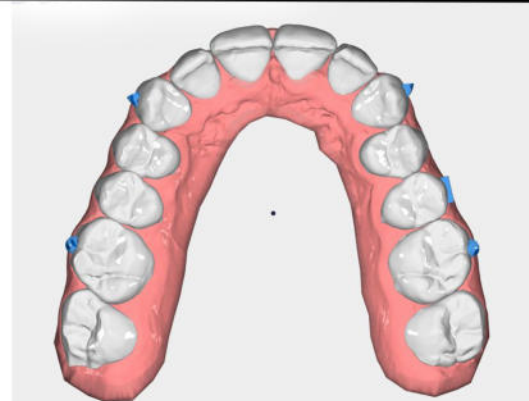
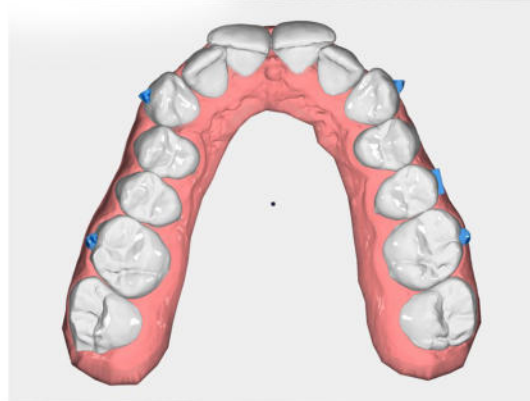
## Attachments:



# 3D Simulation

Start

Prognosis



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# Treatment Outcome

Before



After



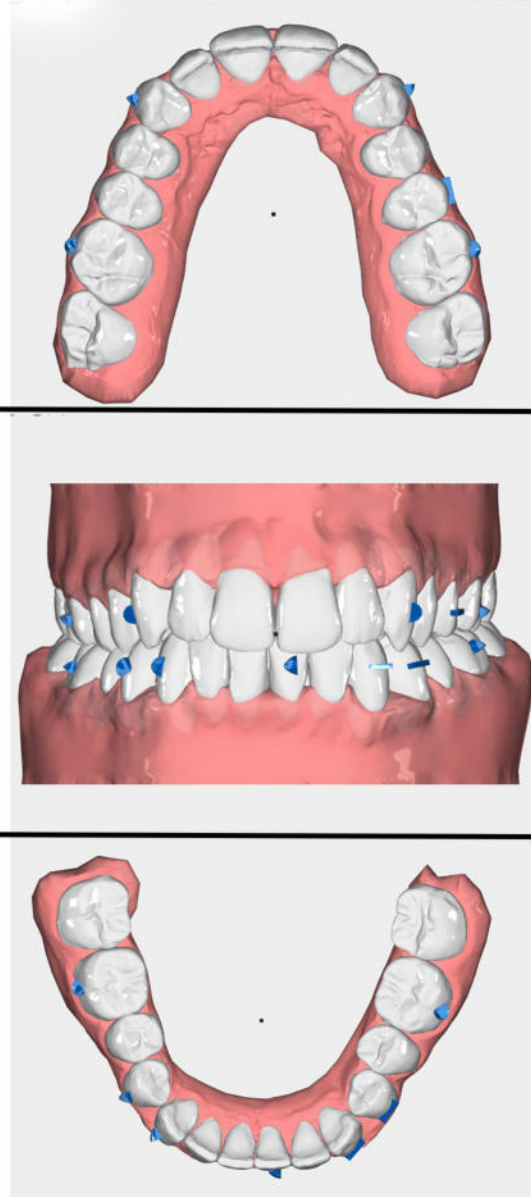
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# Comparison of Prognosis and Result

Prognosis

Result

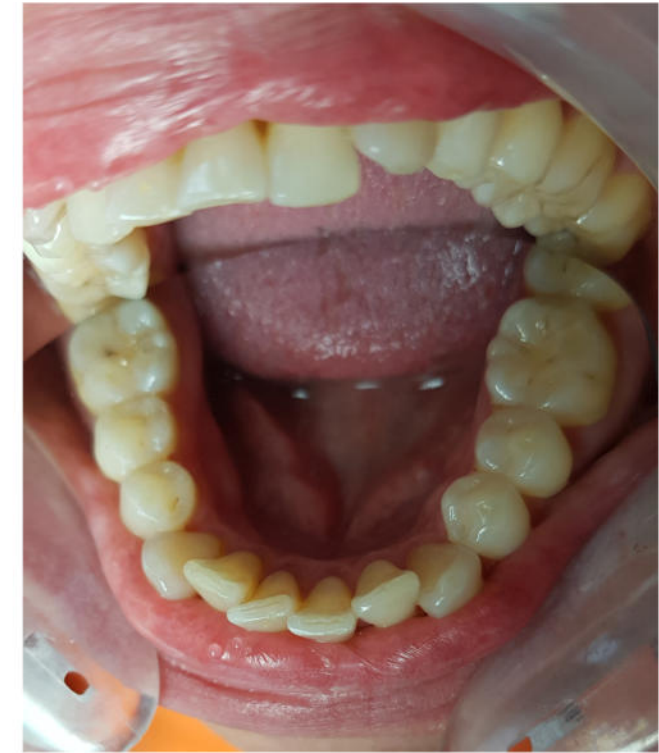


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# Case AA084

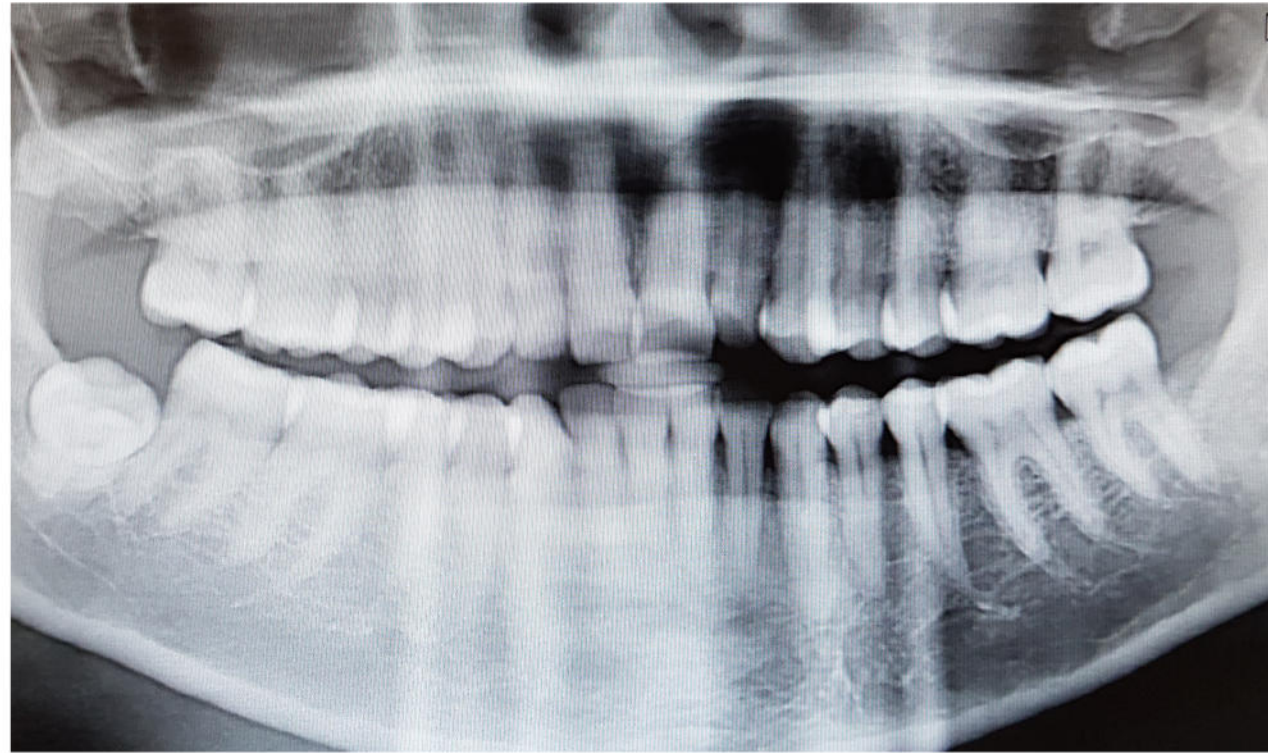


# Case AA084



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# X-ray



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# Case Details

**Case ID:** AA084

**Gender:** male

**Birthdate:** 01 Feb 1989

**Diagnosis:** crowding, class II

**Analysis of X-ray:** no crowns, no fillings

**Treatment Goal:** align upper and lower jaw, adjust 7 to 7



# Treatment Plan

**Duration of Treatment:** 12,5 months upper jaw; 8,5 months lower jaw

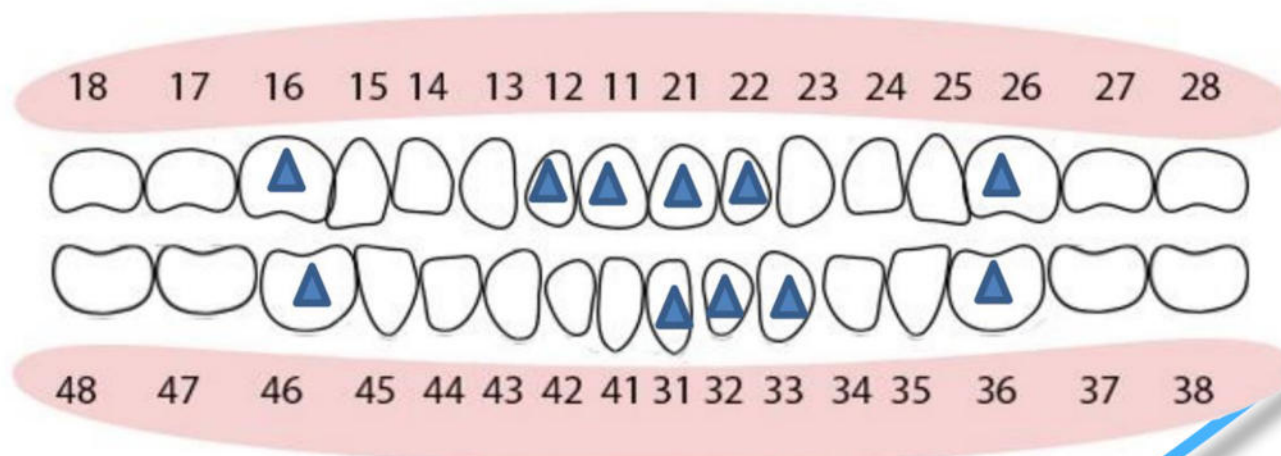
**Number of Aligners:** 25 upper jaw; 17 lower jaw

**Treatment Approach:** tooth 21 was moved 2,60 mm to vestibular; tooth 11 was angulated by 13 degrees; tooth 12 was extruded by 60 mm; tooth 32 was rotated by 12 degrees; occlusion didn't change but bite changed; aggressive IPR on both jaws

## IPR:

14 m	13 d	13 m	12 d	12 m	11 d	11 m	21 m	21 d	22 m	22 d	23 m	23 d	24 m
		,20	,20	,20	,20	,20	,20	,20	,20	,20	,20		
44 m	43 d	43 m	42 d	42 m	41 d	41 m	31 m	31 d	32 m	32 d	33 m	33 d	34 m
				,20	,20	,20	,20	,20	,20				

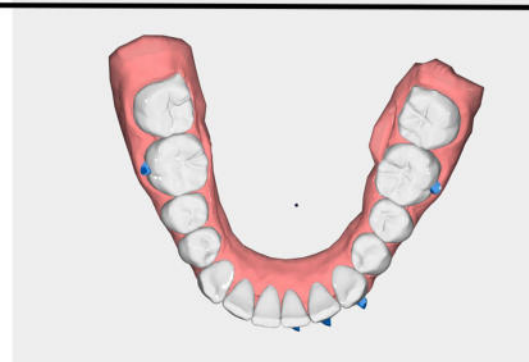
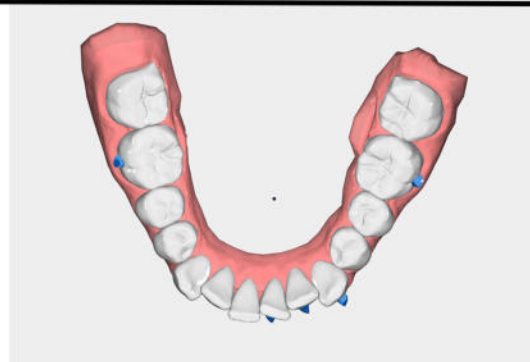
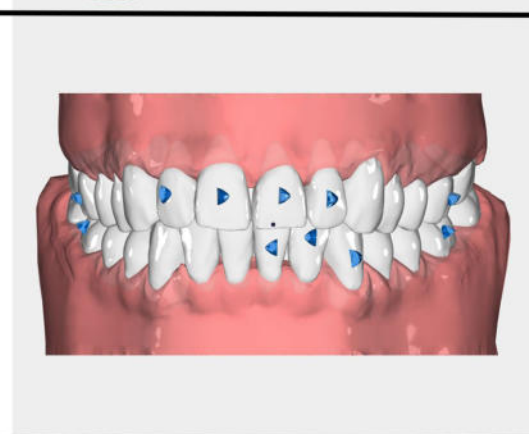
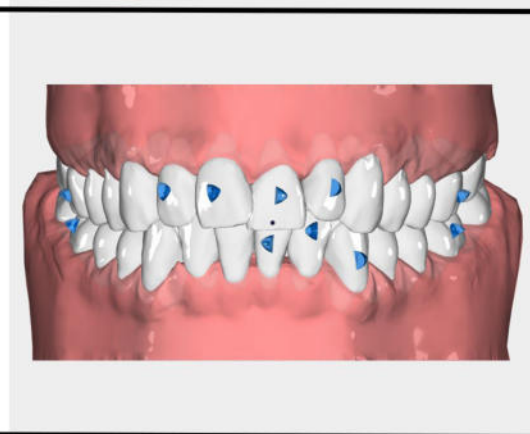
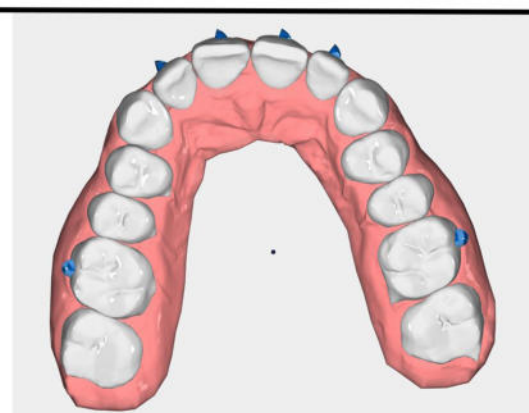
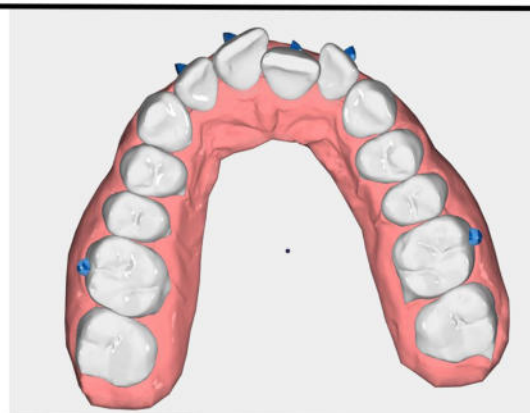
## Attachments:



# 3D Simulation

Start

Prognosis



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# Treatment Outcome

Before



After



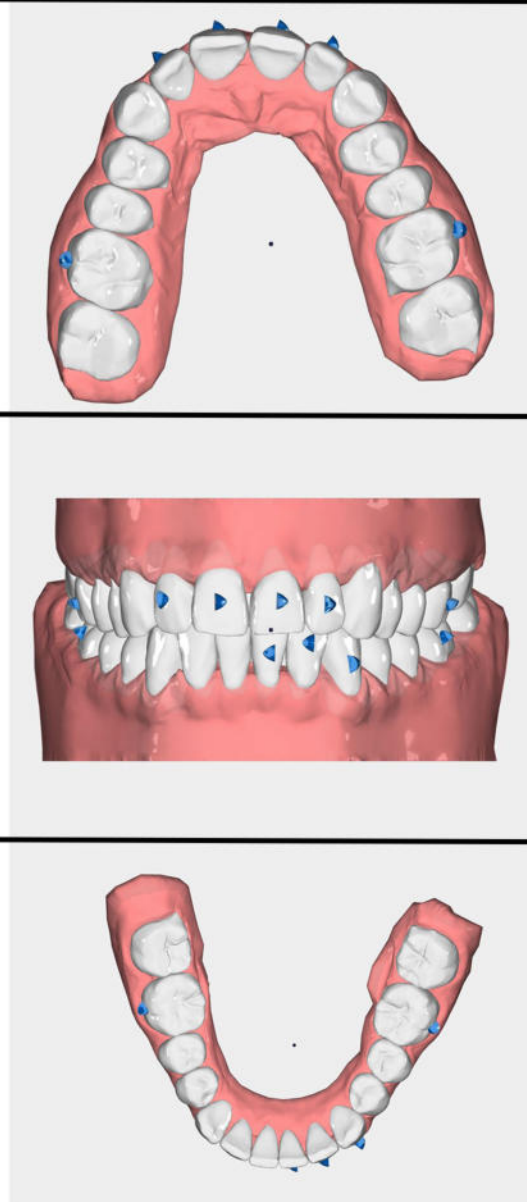
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# Comparison of Prognosis and Result

Prognosis

Result



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