

MAT.

medical aligner treatment

CASE STUDIES

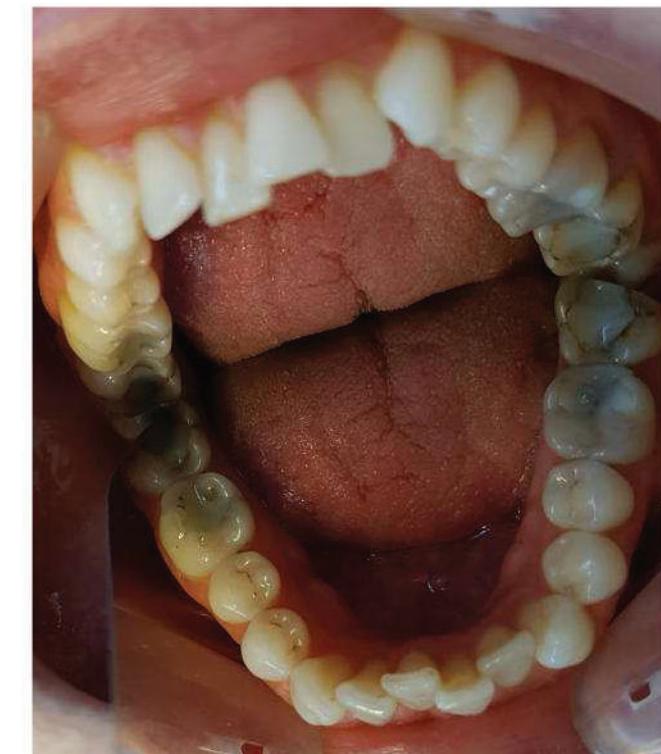


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CASE AA067

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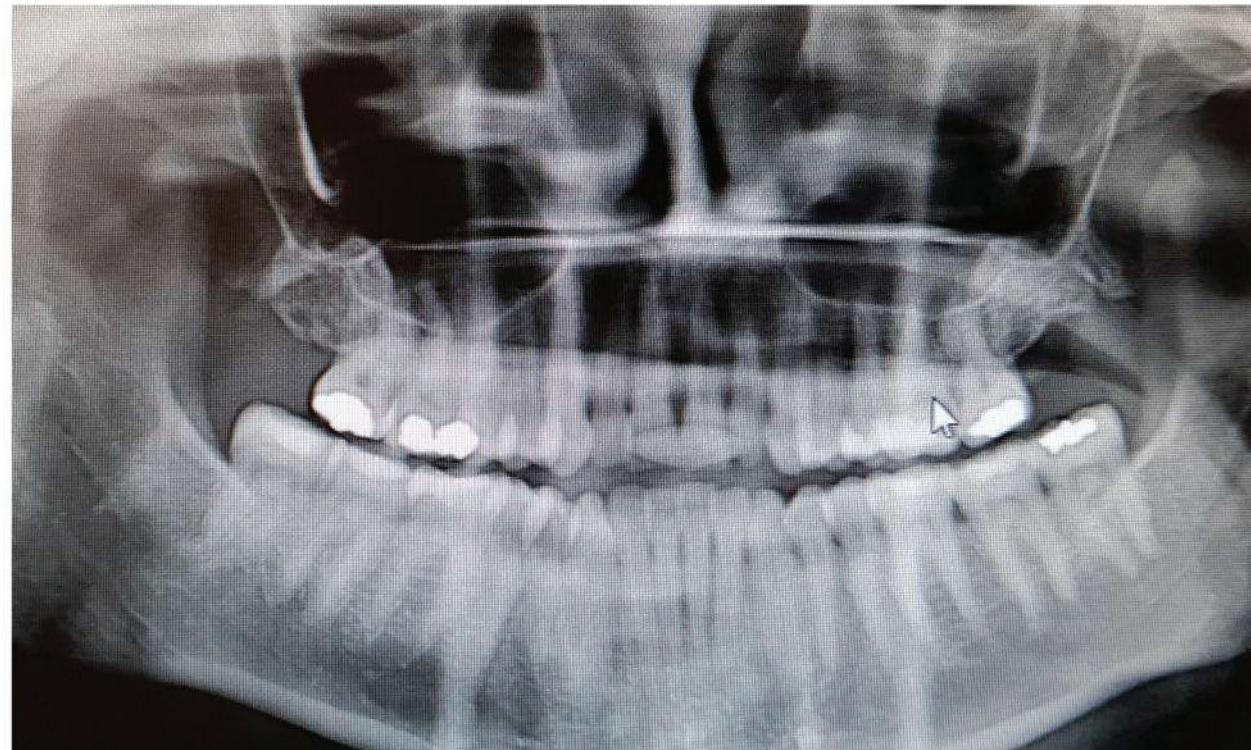
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X-RAY



Case Details

Case ID	AA067
Gender	male
Birth date	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 month upper jaw, 12,5 month lower jaw

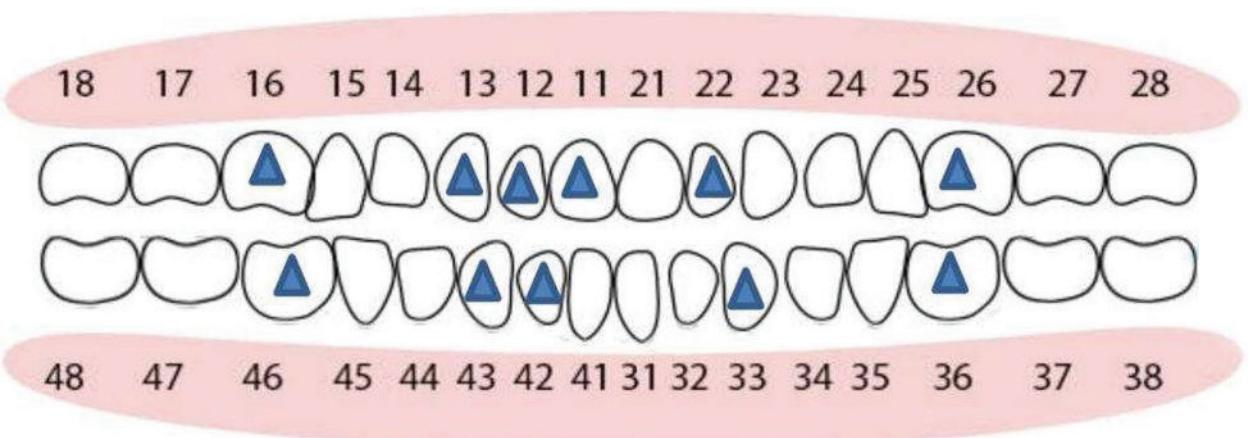
Number of aligners: 15 upper jaw, 25 lower jaw

Treatment approach:

tooth 31 was moved 2,35mm to vestibular; tooth 42 was moved 2,27mm 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:

Attachments:



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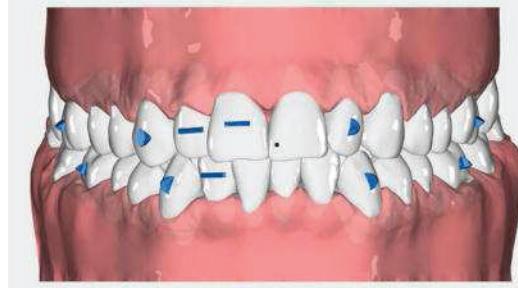
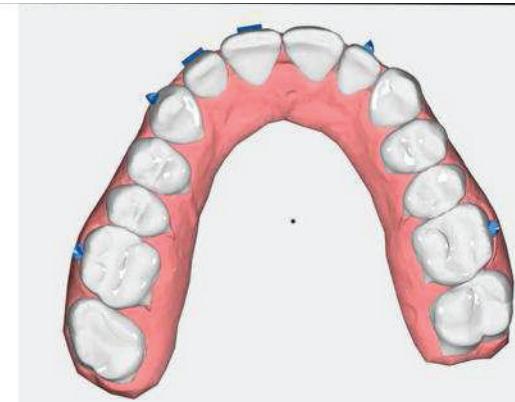
medical aligner treatment

3D-Simulation

START



PROGNOSIS



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Treatment Result

BEFORE



AFTER

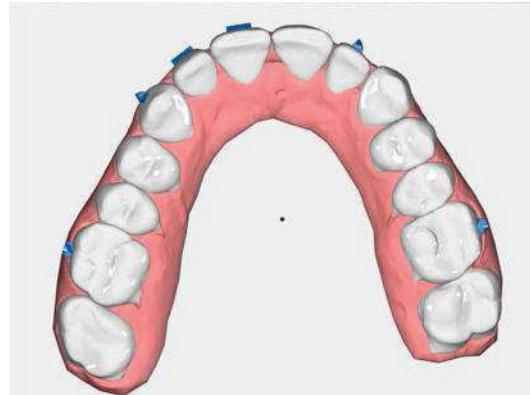


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Comparison

PROGNOSIS



RESULT

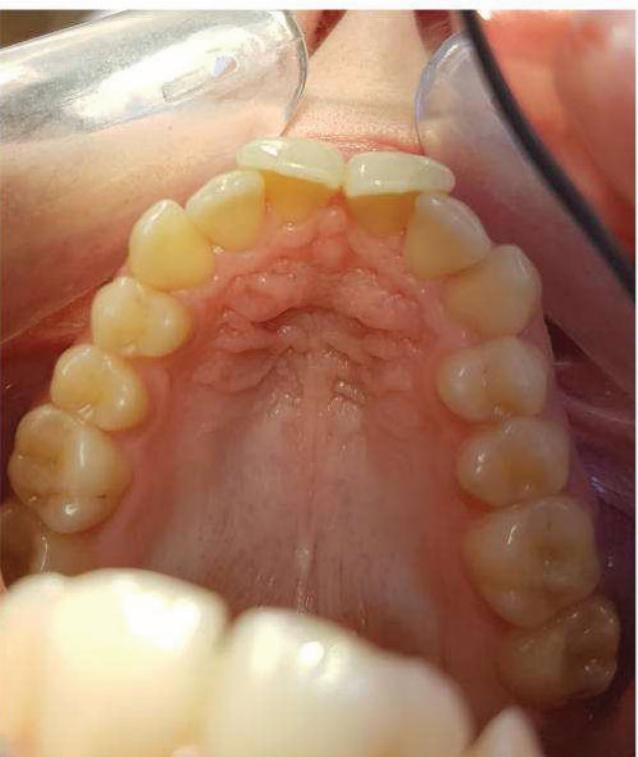


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CASE AA065

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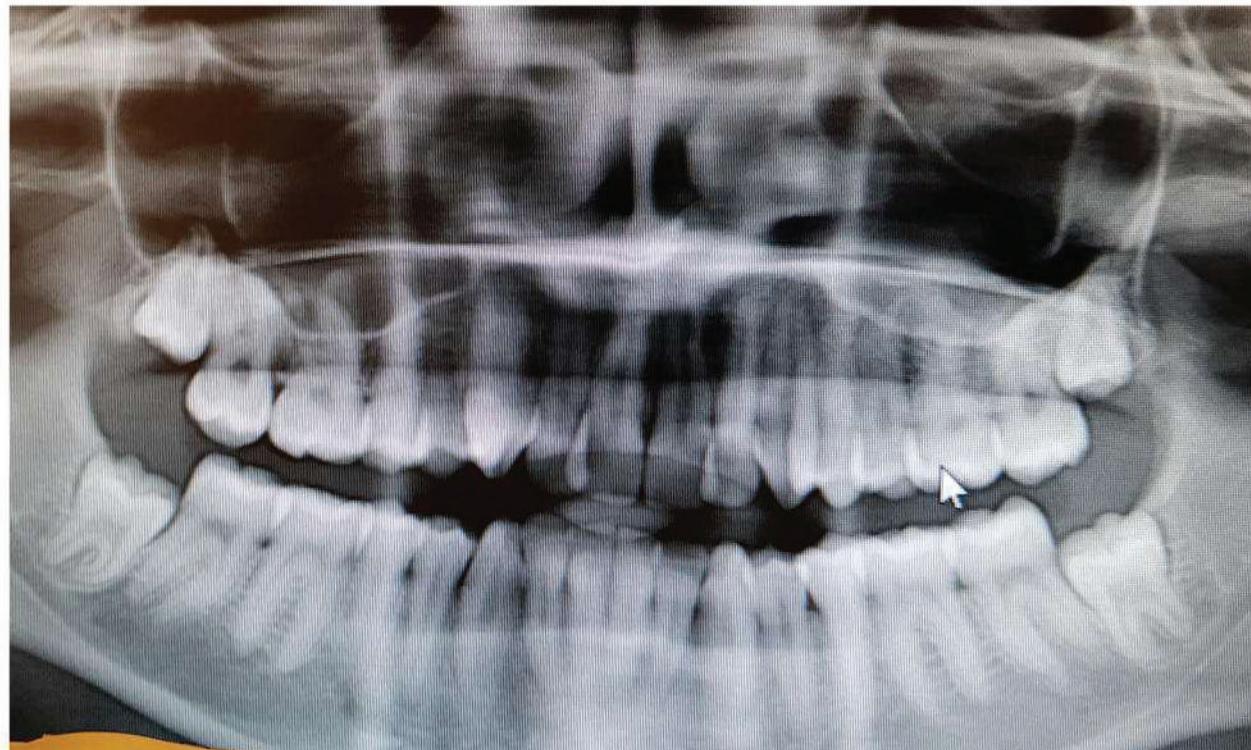
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X-RAY



Case Details

Case ID	AA065
Gender	male
Birth date	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

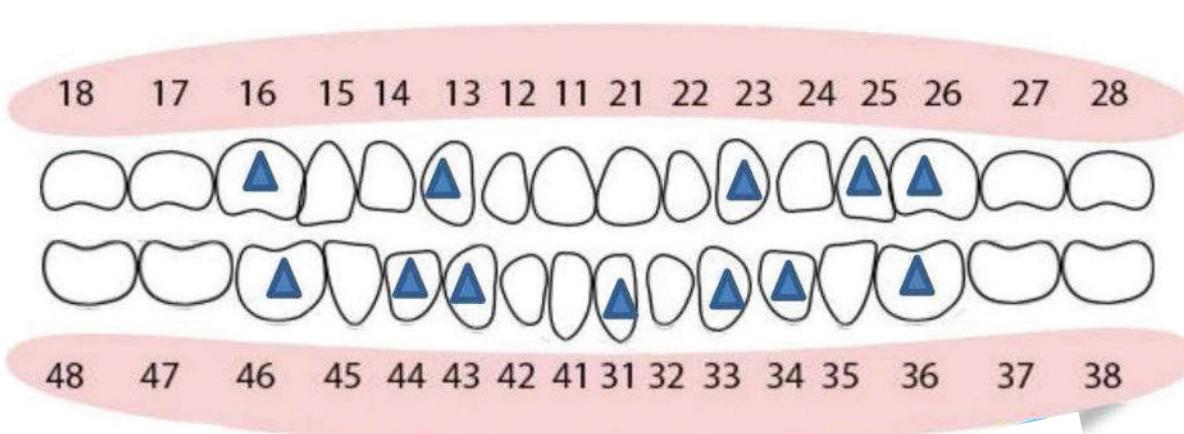
Duration of treatment: 11,5 month upper jaw, 11 month lower jaw

Number of aligners: 23 upper jaw, 22 lower jaw

Treatment approach:

tooth 16 was moved 1,40mm to vestibular; tooth 46 was moved 1,86mm to lingual; tooth 12 was intruded by 0,60mm; 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)

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
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,20	,20	,20	,20	,20	,20	,20	,20	,20	,20

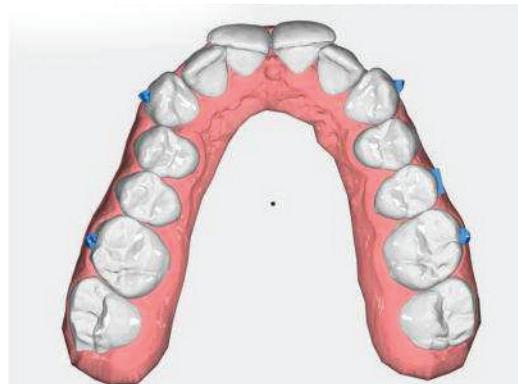


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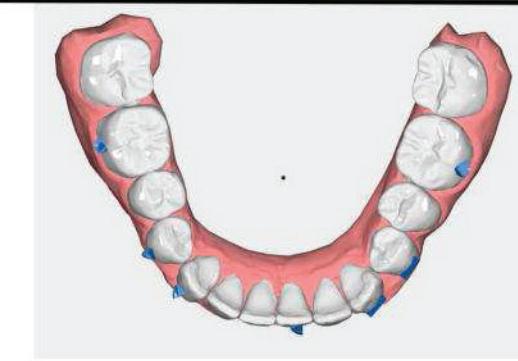
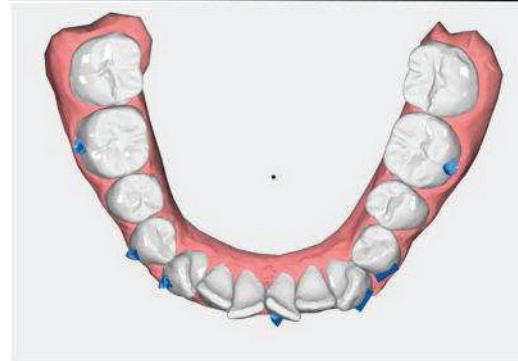
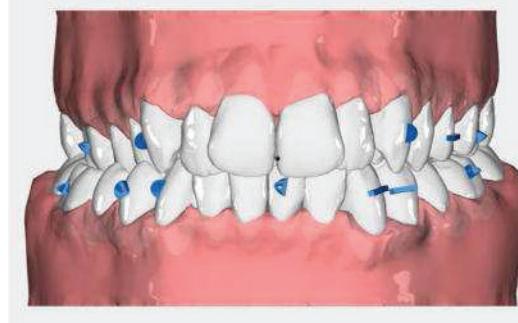
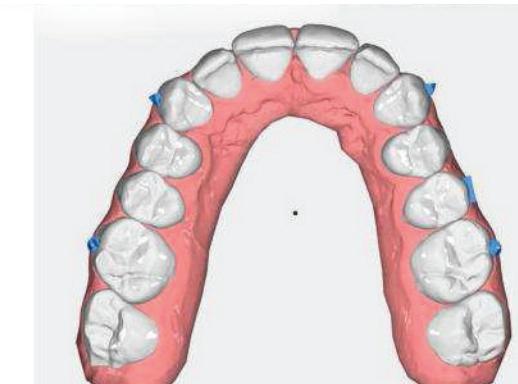
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3D-Simulation

START



PROGNOSIS



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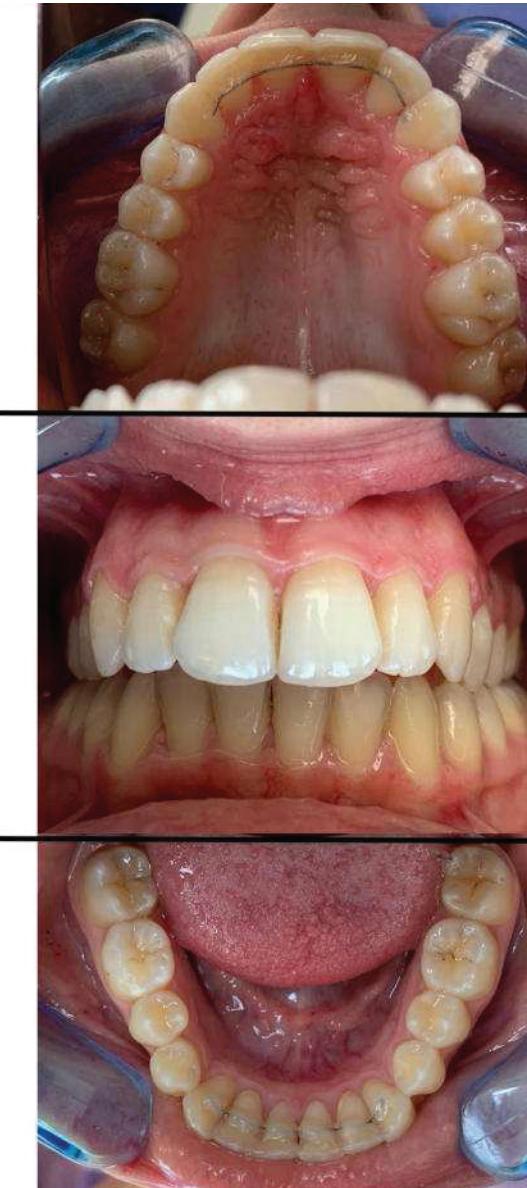
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Treatment Result

BEFORE



AFTER

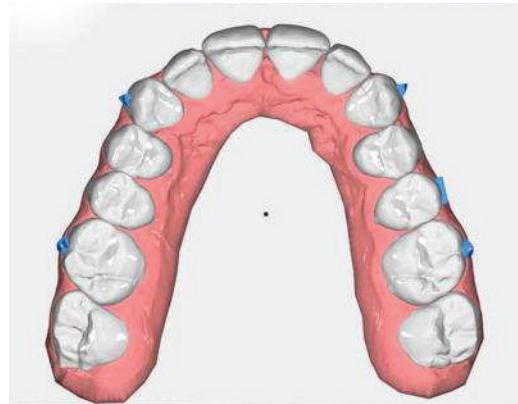


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Comparison

PROGNOSIS



RESULT



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CASE AA084

MAT.

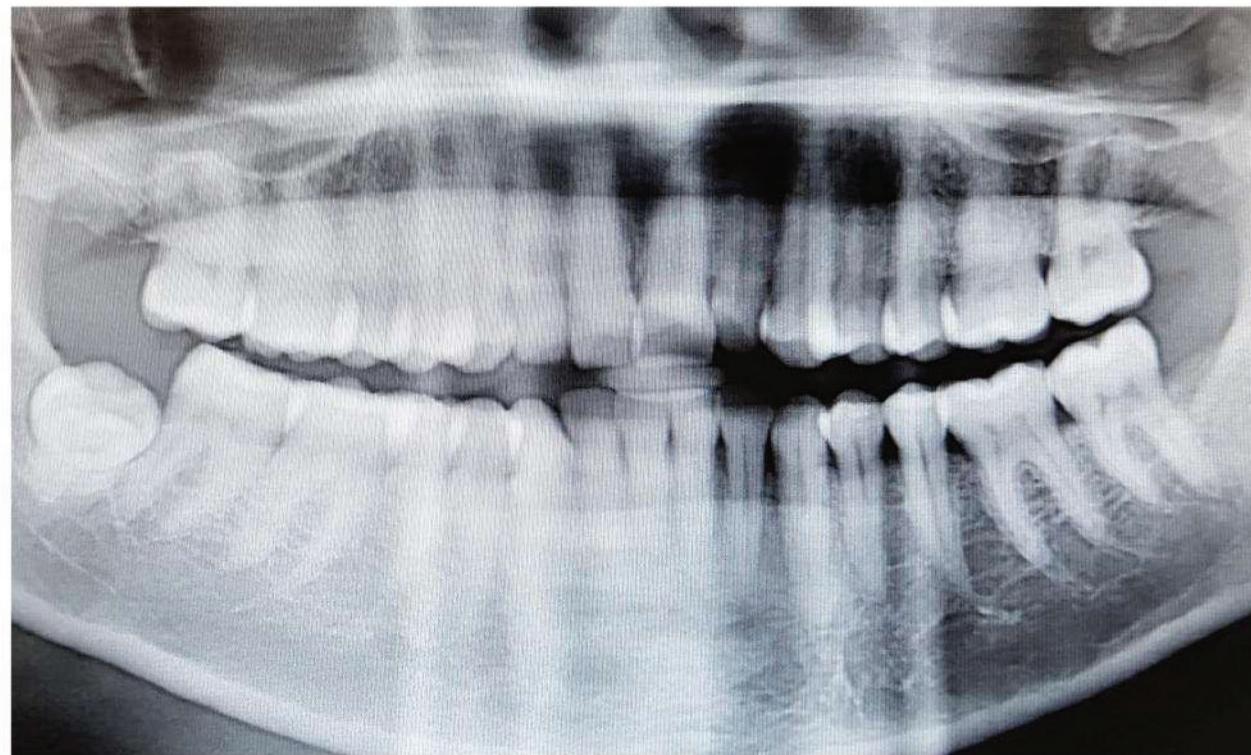
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X-RAY



Case Details

Case ID	AA084
Gender	male
Birth date	01 Feb 1989
Diagnosis	crowding class II
Analysis of X-ray	no crowns or fillings
Treatment goal	align upper and lower jaw, adjust 7 to 7

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Treatment Plan

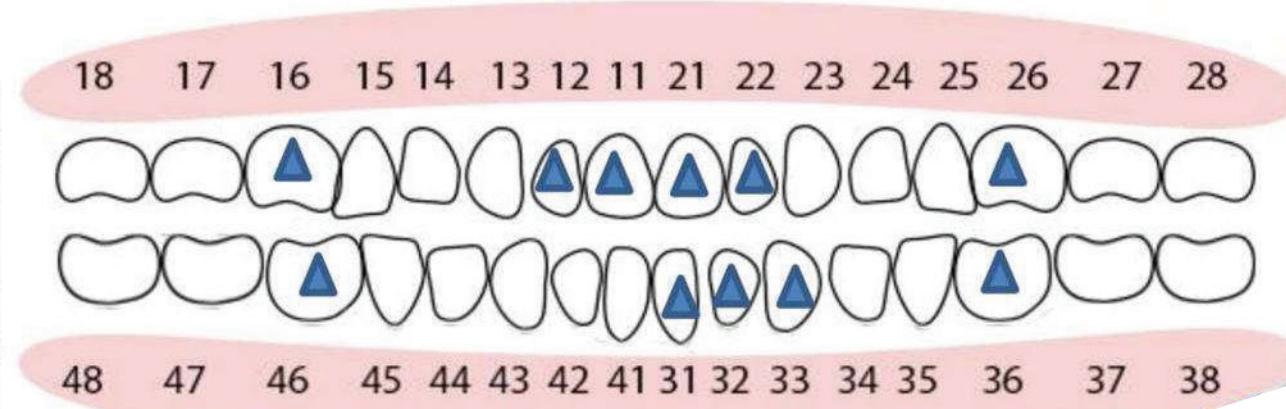
Duration of treatment: 12,5 month upper jaw, 8,5 month lower jaw

Number of aligners: 25 upper jaw, 17 lower jaw

Treatment approach:

tooth 21 was moved 2,60mm to vestibular; tooth 11 was angulated by 13 degress; tooth 12 was extruded by 60mm; tooth 32 was rotated by 12 degrees; occlusion didn´t change but bite changed; aggressive IPR on both jaws

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



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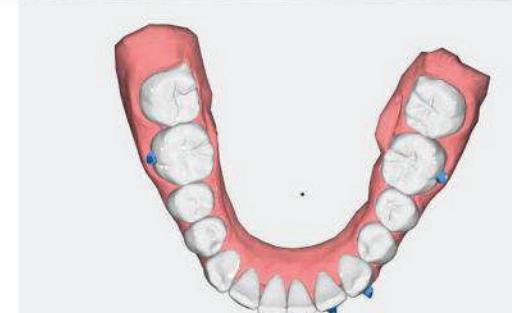
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3D-Simulation

START



PROGNOSIS



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Treatment Result

BEFORE



AFTER

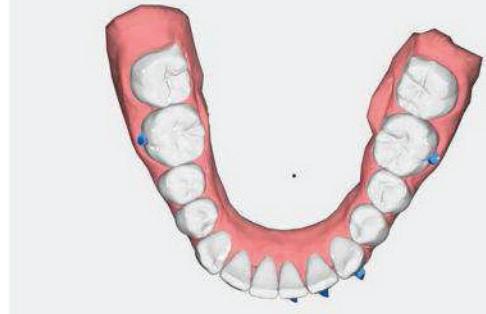
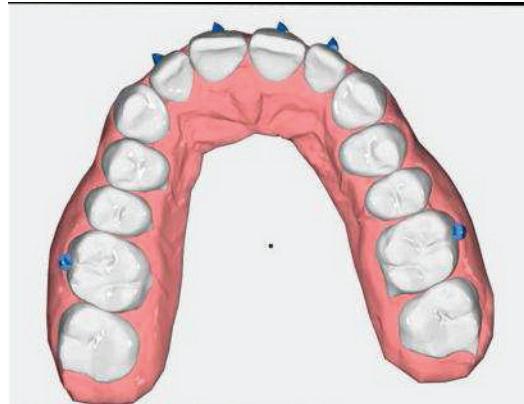


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Comparison

PROGNOSIS



RESULT

