

MAT.

medical aligner treatment

CASE STUDIES



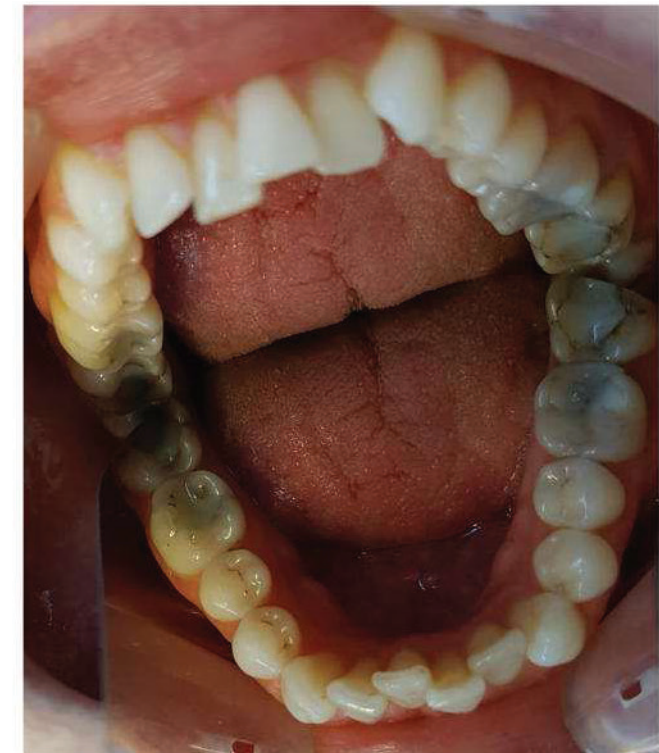
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medical aligner treatment

CASE AA067

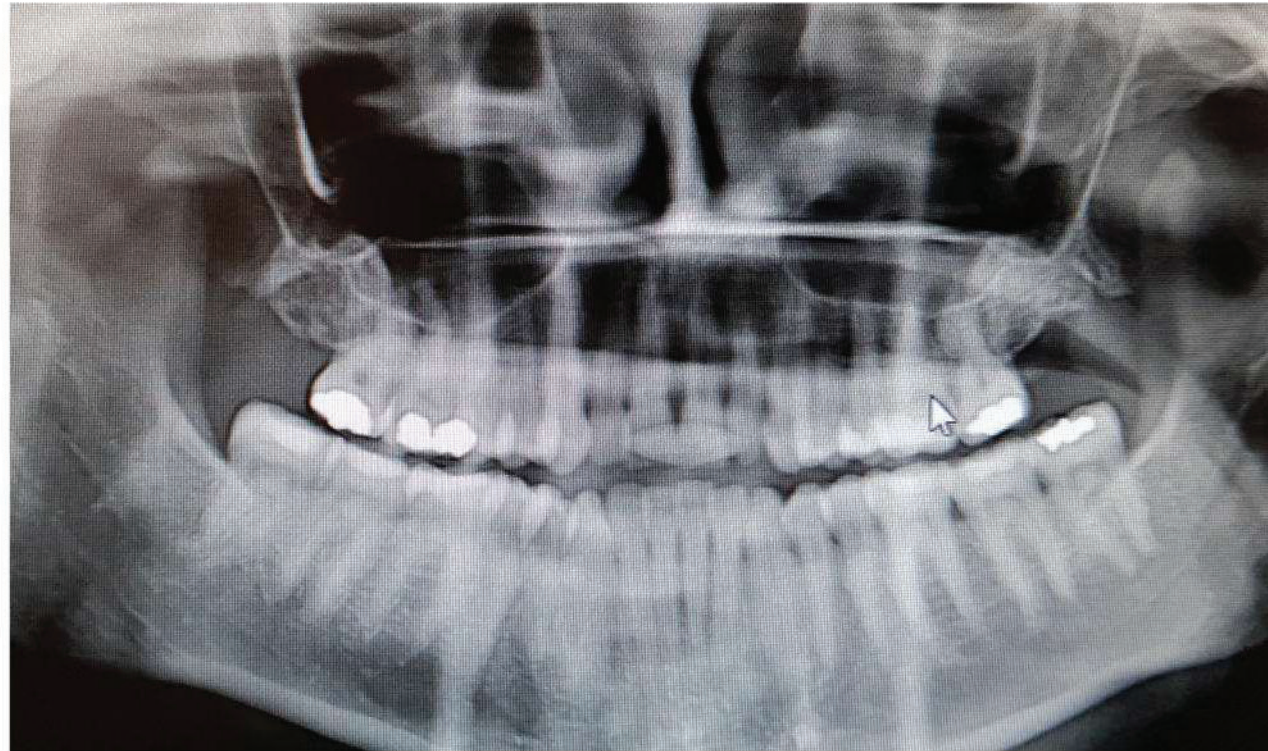
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X-RAY



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

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Treatment Plan

Duration of treatment: 7,5 month upper jaw, 12,5 month lower jaw

Number of aligners: 15 upper jaw, 25 lower jaw

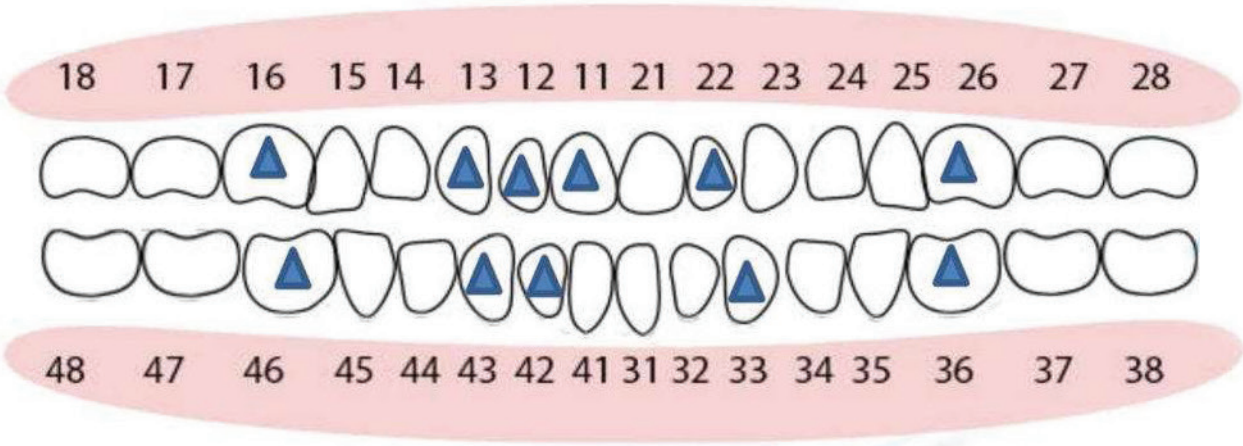
Treatment approach:

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:

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
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	,20	,20	,20	,20		

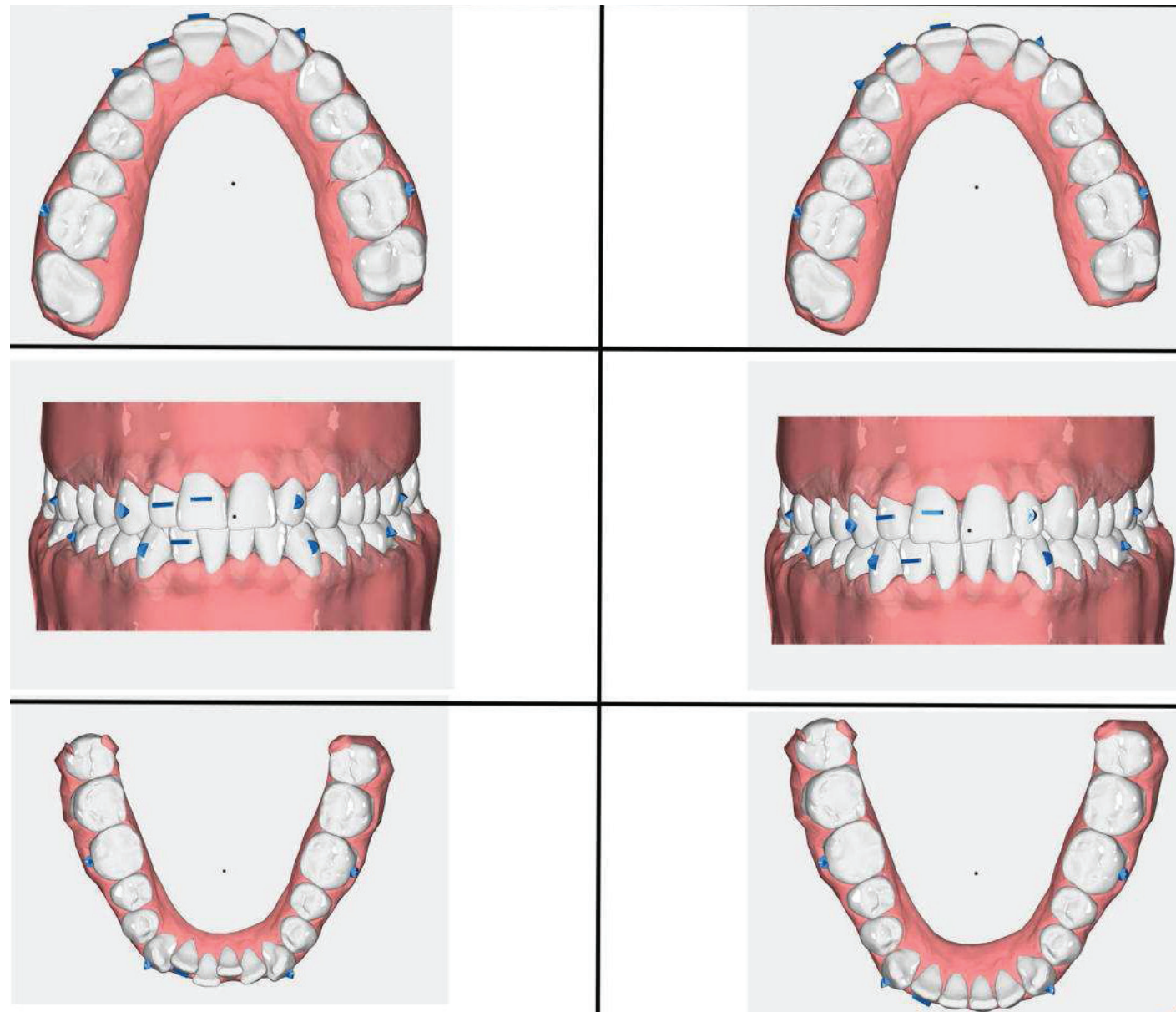
Attachments:



3D-Simulation

START

PROGNOSIS



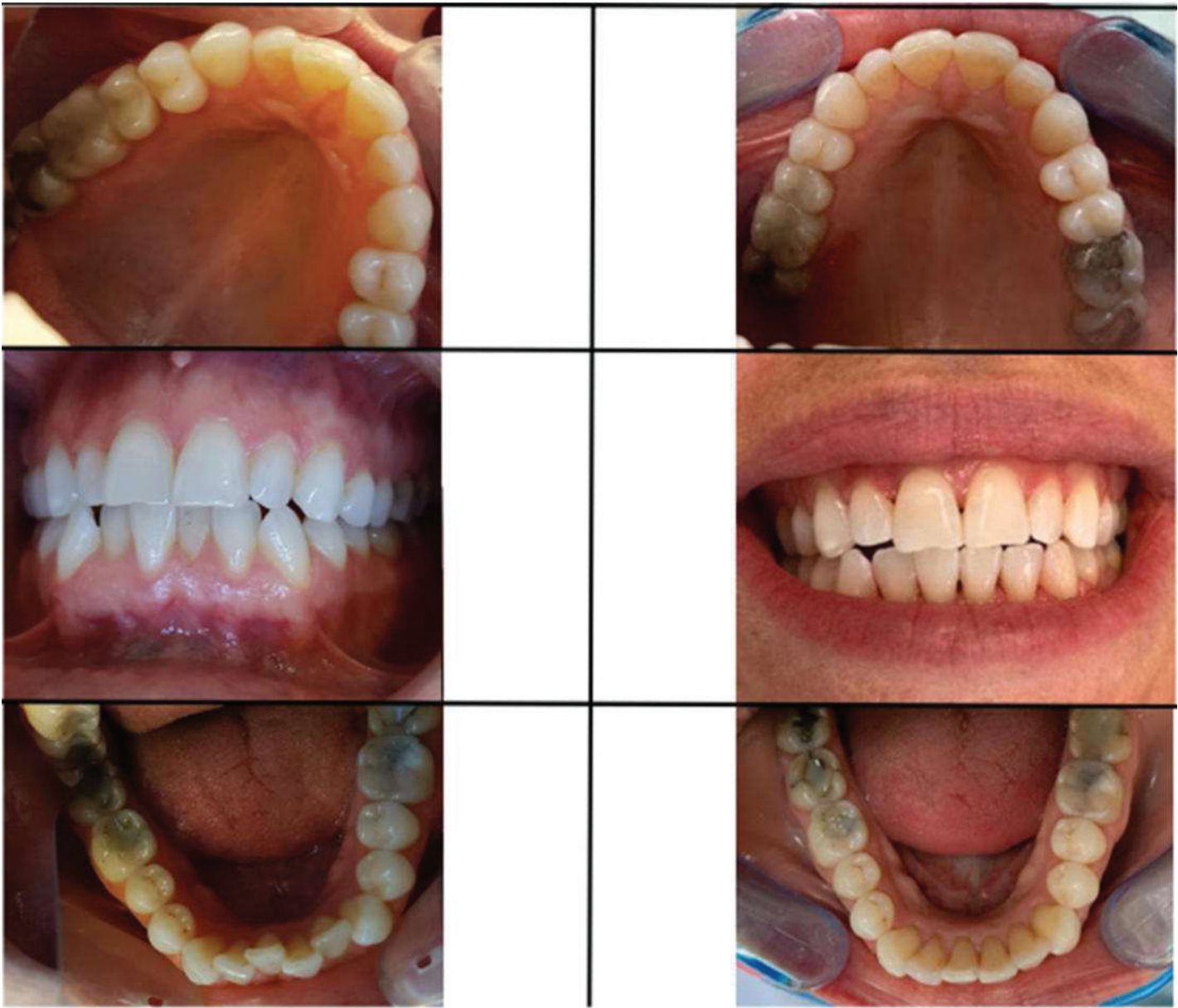
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Treatment Result

BEFORE

AFTER

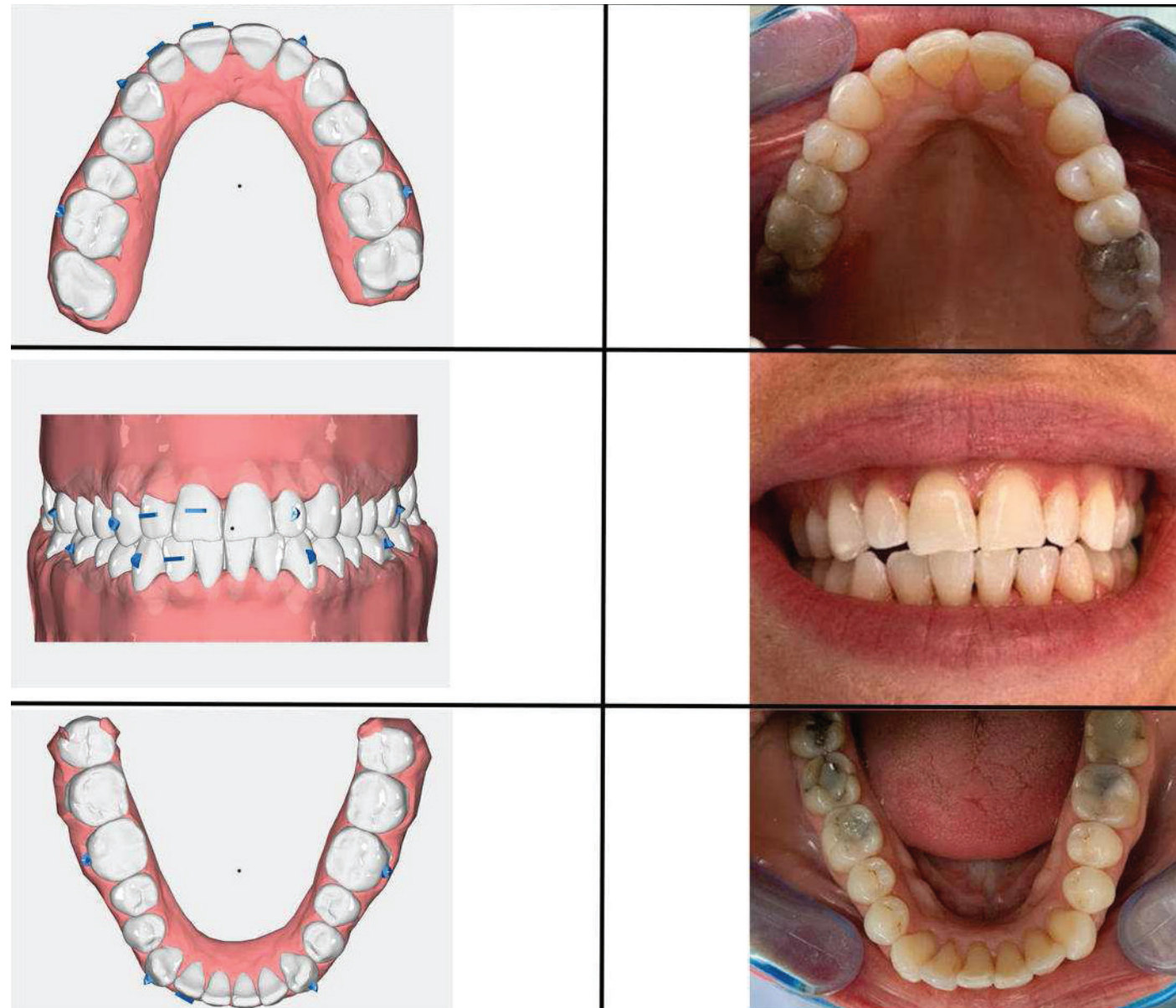


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Comparison

PROGNOSIS

RESULT



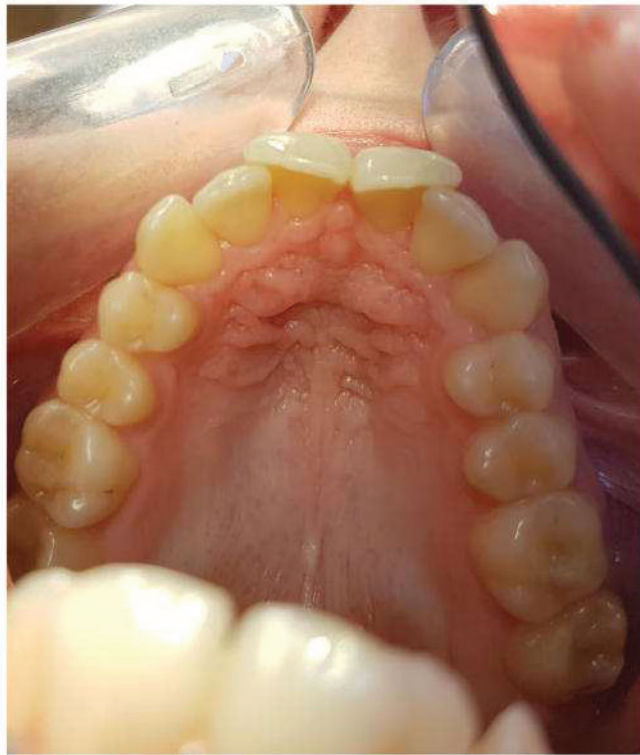
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CASE AA065

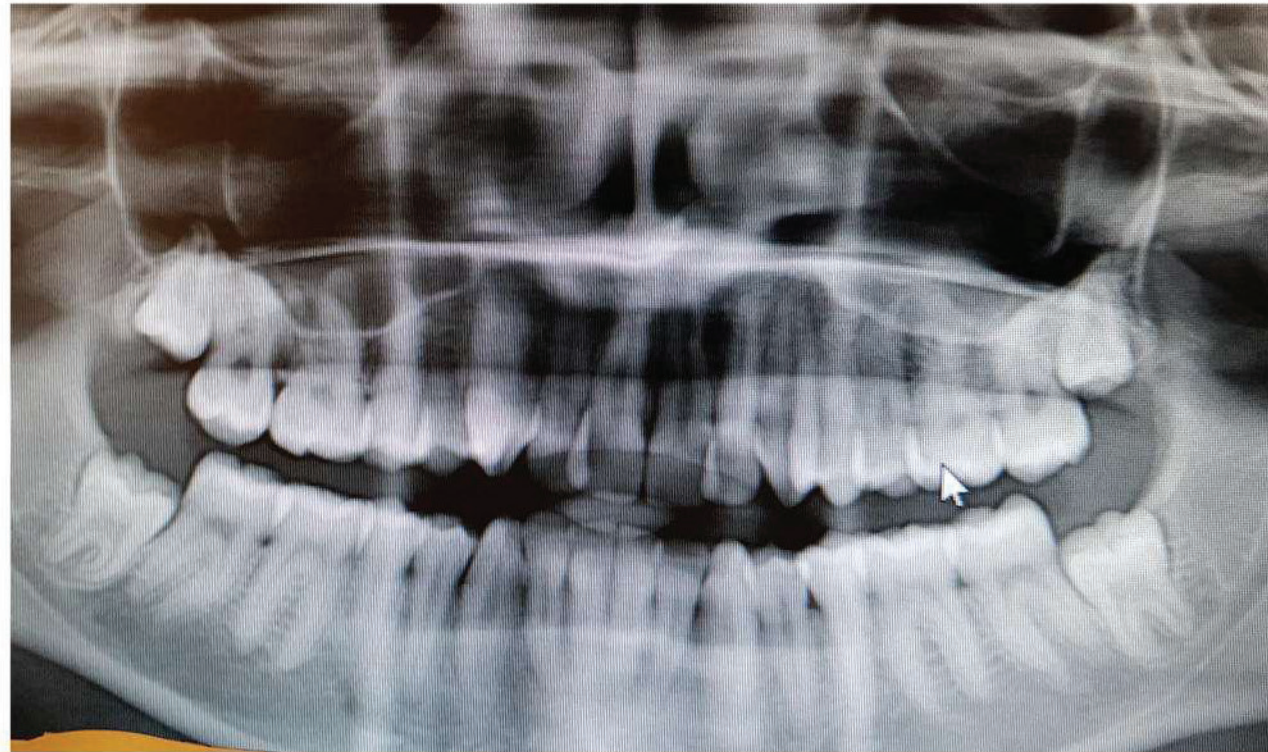
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X-RAY



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

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Treatment Plan

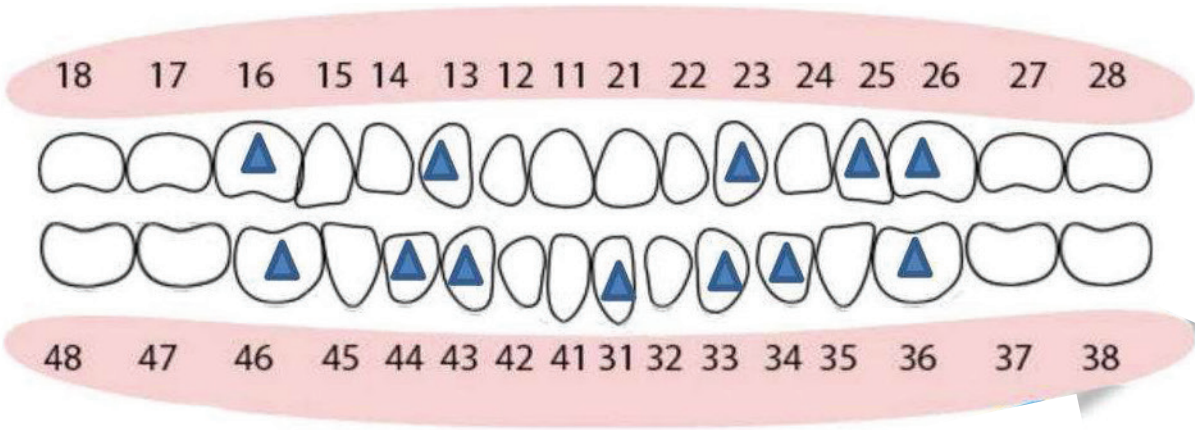
Duration of treatment: 11,5 month upper jaw, 11 month lower jaw

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)

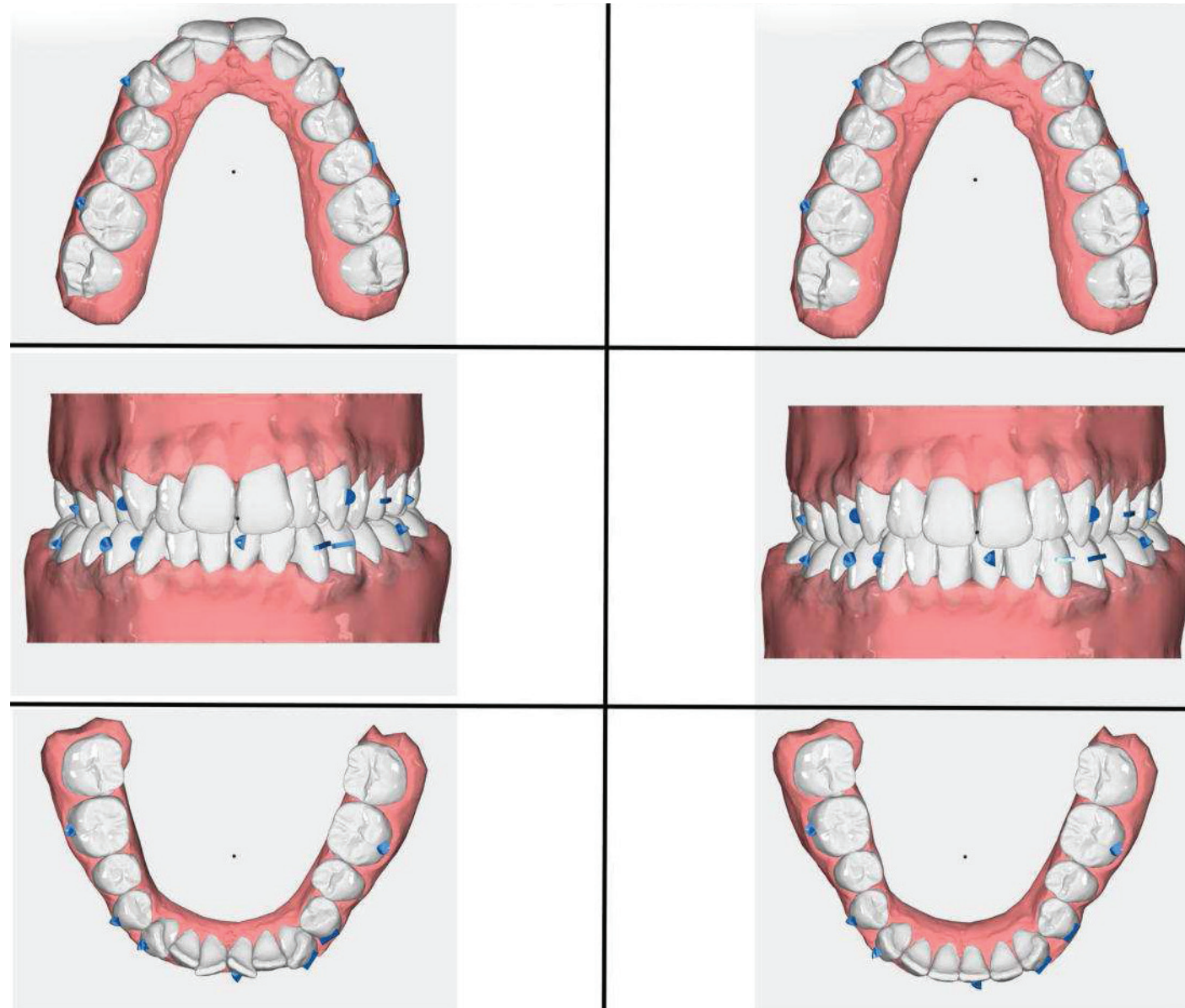
13	12	12	11	11	21	21	22	22	23
m	d	m	d	m	m	d	m	d	m
,30	,30	,30	,30	,30	,30	,30	,30	,30	,30
43	42	42	41	41	31	31	32	32	33
m	d	m	d	m	m	d	m	d	m
,20	,20	,20	,20	,20	,20	,20	,20	,20	,20



3D-Simulation

START

PROGNOSIS

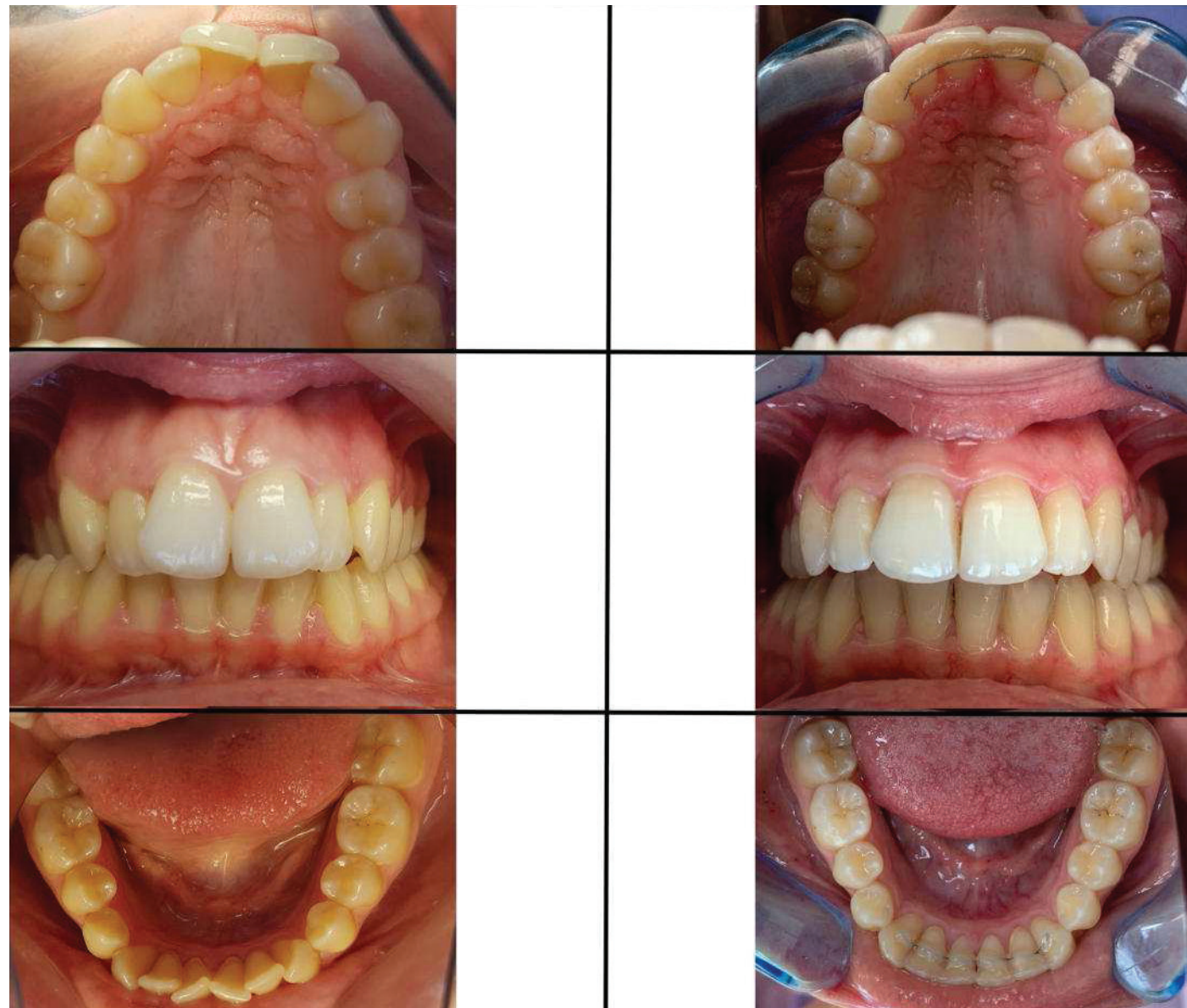


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Treatment Result

BEFORE

AFTER

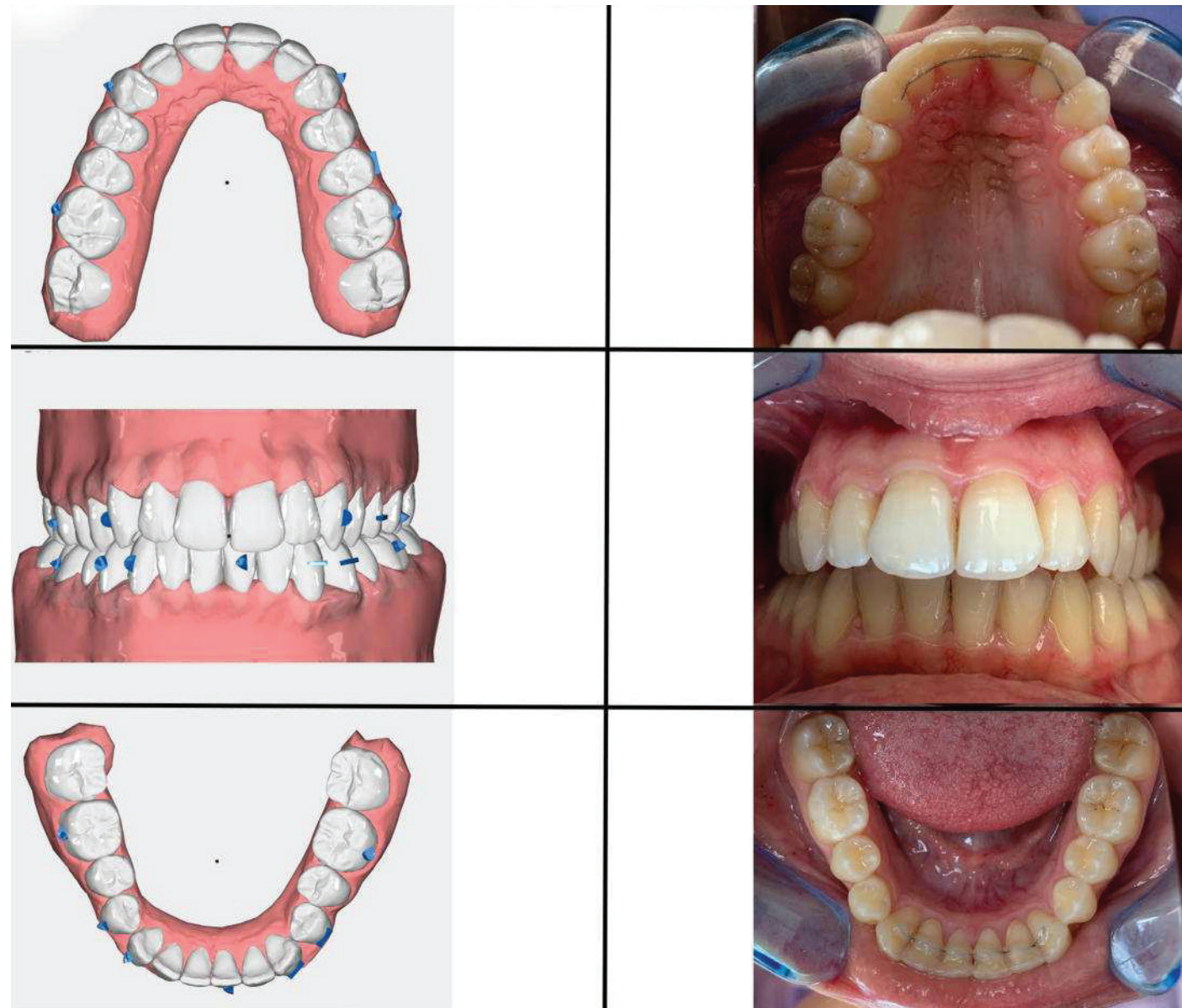


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Comparison

PROGNOSIS

RESULT



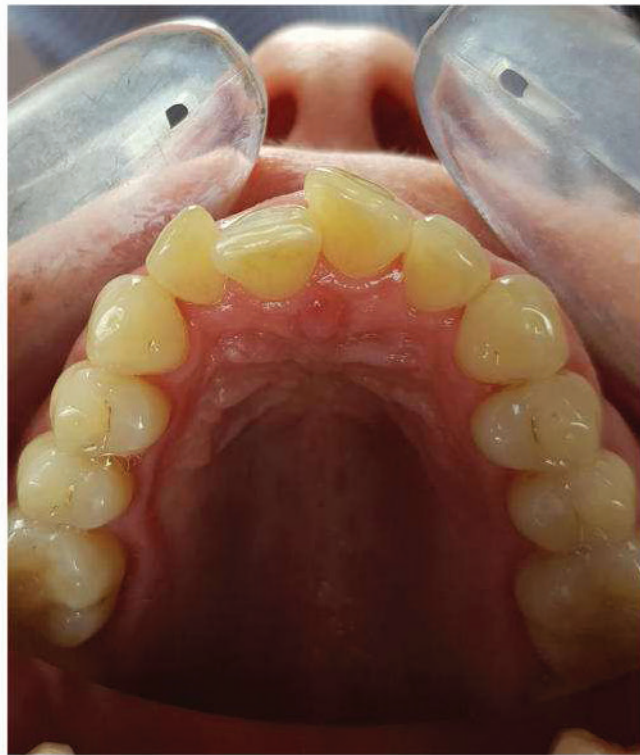
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CASE AA084

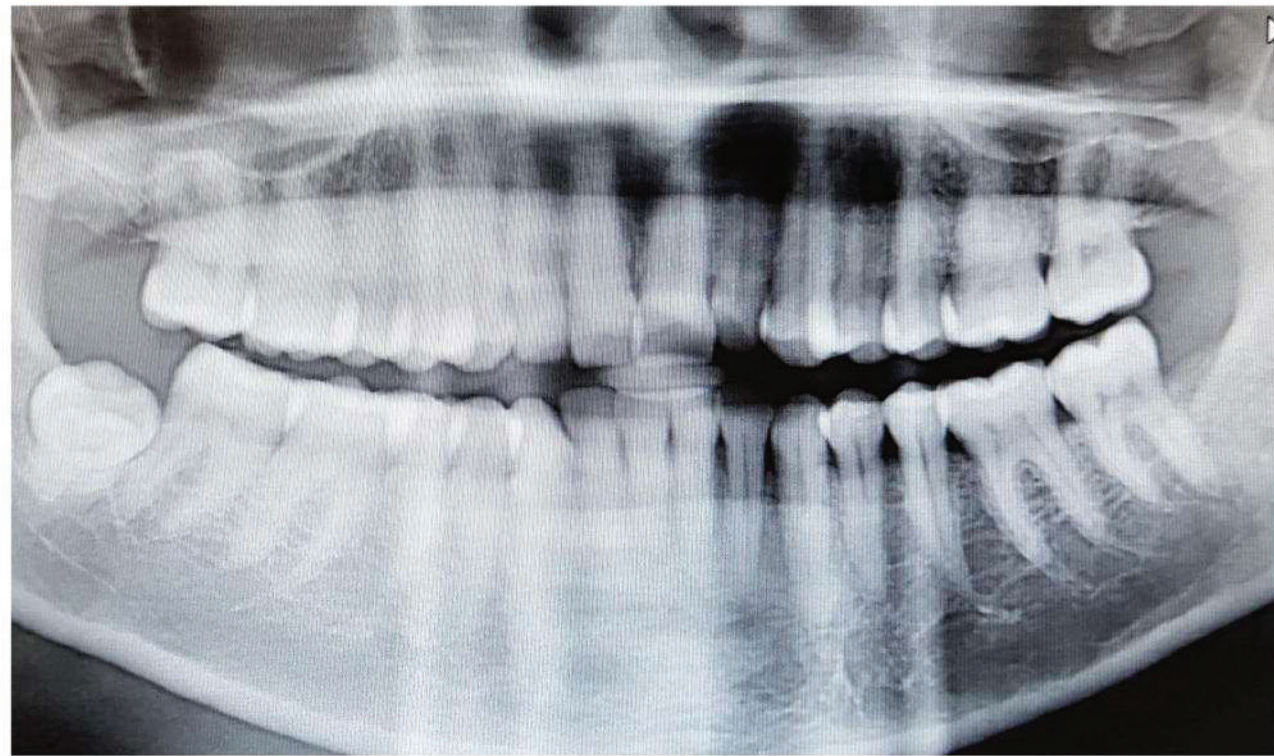
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X-RAY



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

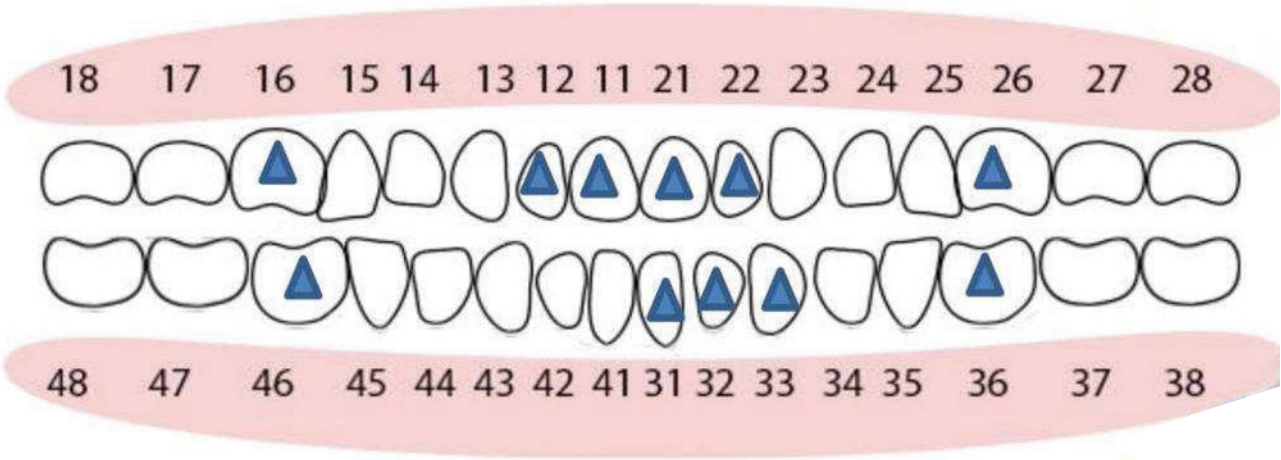
Duration of treatment: 12,5 month upper jaw, 8,5 month lower jaw

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 degrees; 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

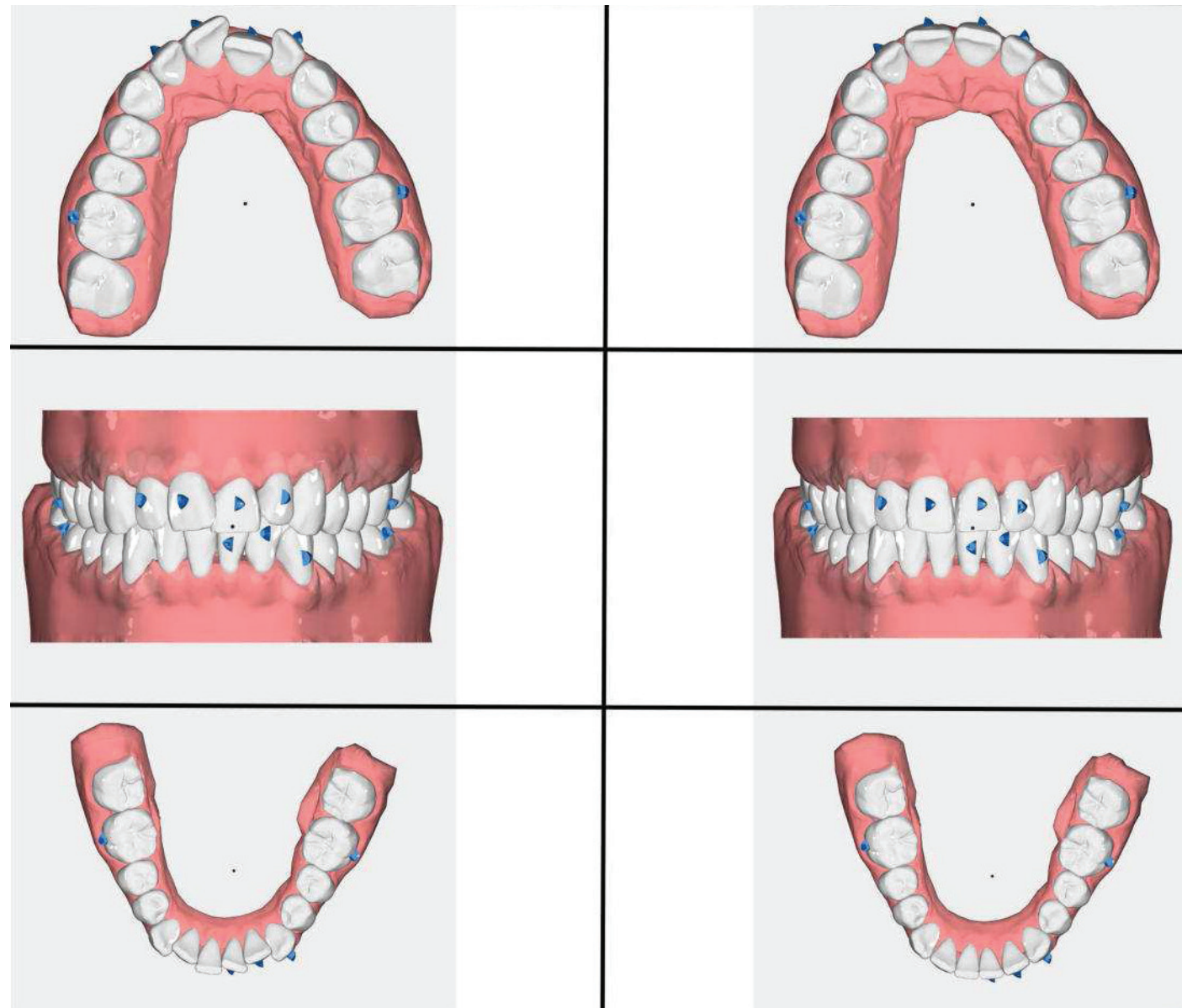
14	13	13	12	12	11	11	21	21	22	22	23	23	24
m	d	m	d	m	d	m	m	d	m	d	m	d	m
		,20	,20	,20	,20	,20	,20	,20	,20	,20	,20		
44	43	43	42	42	41	41	31	31	32	32	33	33	34
m	d	m	d	m	d	m	m	d	m	d	m	d	m
				,20	,20	,20	,20	,20	,20				



3D-Simulation

START

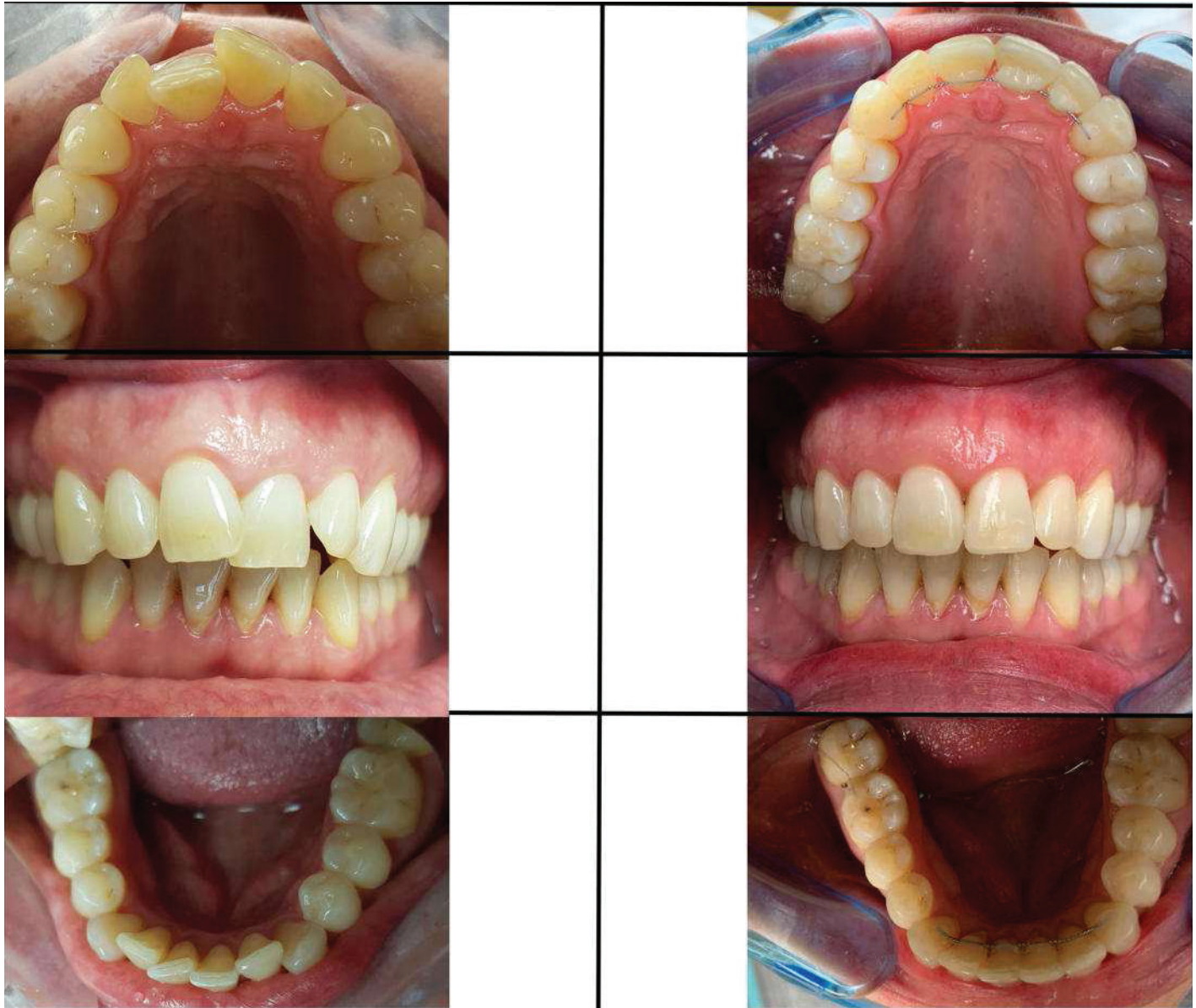
PROGNOSIS



Treatment Result

BEFORE

AFTER



MAT.

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Comparison

PROGNOSIS

RESULT

