



ABO Case Management Form

(rev. 3.10.2025)

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: Agenda

- History and evolution
- Review of the CMF and its elements
- Example of completed form
- Examples of typical errors
- Practical applications



Discrepancy Index (DI)

 Twelve defined and quantified parameters measuring case complexity.



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		•			

EXAM YEAR	АВО	DISCREPANCY INDEX	Page 6
ABO ID #	CASE#	PATIENT	
	0		
TOTAL D.I. SCORE	•	For mm measures, round up to the nex	ct full mm.
		Examiners will verify measurements in	each category.
OVERJET			
≥ 0 to < 1 mm (edge-to-edge)	= 1 pt	LINGUAL POSTERIOR X-BITE	
≥ 1 to ≤ 3 mm	= 0 pts	> 0 mm, 1 pt per tooth T	otal
> 3 to ≤ 5 mm > 5 to ≤ 7 mm	= 2 pts	BUCCAL POSTERIOR X-BITE	
> 5 to ≤ 7 mm > 7 to ≤ 9 mm	= 3 pts = 4 pts		otal
> 9 mm	= 5 pts		ш
Negative Overjet (x-bite):	- 5 pts	CEPHALOMETRICS (See Instruction	ns)
1 pt per mm per tooth	=pts		@4pts =
Tot	al		x 1 pt =
			x 1 pt =
OVERBITE			
> 1 to ≤ 3 mm	= 0 pts	SN-MP	
> 3 to ≤ 5 mm	= 2 pts	≥ 38°	@2pts =
> 5 to ≤ 7 mm	= 3 pts	Each full degree > 38°	_x 2 pts =
Impinging (100%)	= 5 pts		
Total	al		@1pt =
		Each full degree < 26°	_x 1 pt =
ANTERIOR OPEN BITE		1 to MP ≥ 99°	@1pt =
0 mm (edge-to-edge), 1 pt per tooth		Each full degree > 99°	_x 1 pt =
then 1 pt per mm per tooth Tot	=pts	Т	otal 0
100	0 O	OTHER (See Instructions)	
LATERAL OPEN BITE			x 1 pt =
≥ 0.5 mm, 2 pts per mm per too	th		
Tot	al 🔲		_x 2 pts =
CROWDING (only one arch)		Anomalous morphology	_x 2 pts =
≥ 0 to ≤1 mm	= 0 pts	Impaction (except 3rd molars)	_x 2 pts =
> 1 to ≤ 3 mm	= 1 pts	Midline discrepancy (≥3 mm)	@ 2 pts =
> 3 to ≤ 5 mm	= 2 pts	Missing teeth (except 3rd molars)	_x 1 pt =
> 5 to ≤ 7 mm	= 4 pts	Missing teeth, congenital	_x 2 pts =
> 7 mm Tot	= 7 pts	_	_x 2 pts =
100			
OCCLUSAL RELATIONSHIP			@ 2 pts =
Class I to End On = 0 p			_x 2 pts =
End-to-End Class II or III = 2 p Full Class II or III = 4 p	ts per side ts per side		@ 3 pts =
Beyond Class II or III = 1 p			_x 2 pts =
Tot		Identify:	
	ت		

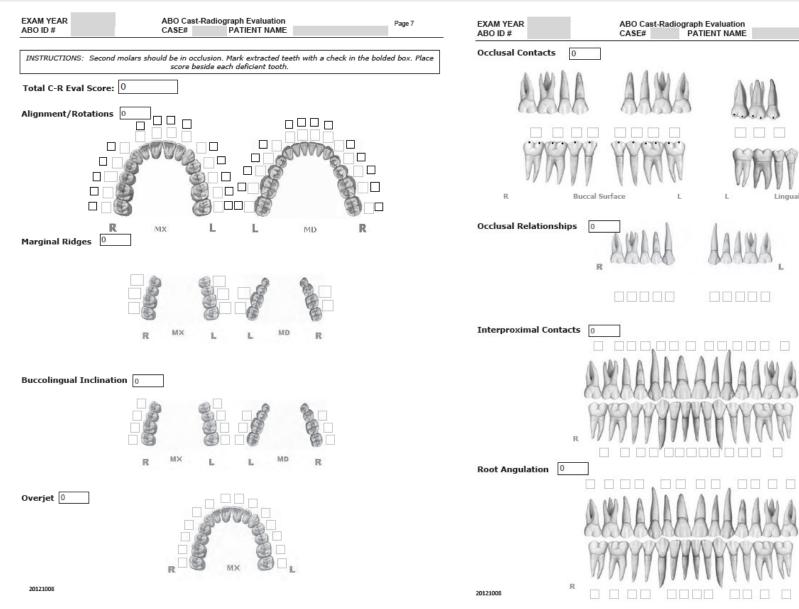
Total Other 0

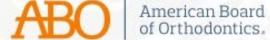


Cast-Radiograph Evaluation Form (CRE)

- Established and defined criteria of dental and occlusal finishing excellence.
- Quantified measurable limits of parameters to .5mm
- Eight measured parameters quantifying finishing excellence.
- Overall cast-radiograph evaluation







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Reasons for the ABO Case Management Form

- Complete evaluation of an orthodontic case demands more than the Written Case Report, Discrepancy Index, and Cast-Radiograph Evaluation.
 - There is more to orthodontic treatment than case history, difficulty, and excellent final occlusion.

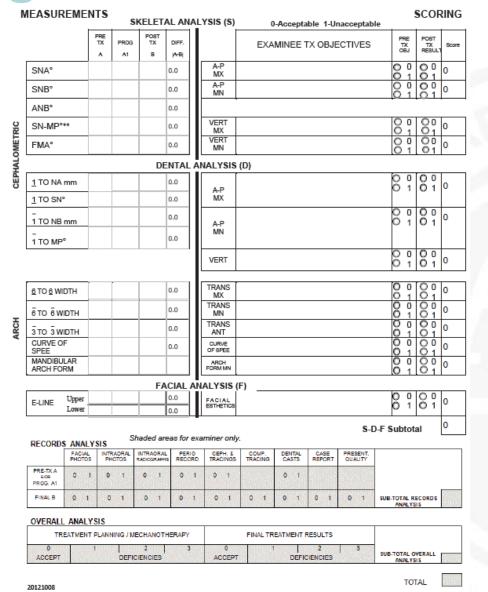


Reasons for the ABO Case Management Form

- 1. Self-evaluation (quantified)
- 2. Evaluation/judgement of each parameter (quantified)
- 3. Evaluation of records (quantified)
- 4. Scores can be scored/digitally retrieved (demonstrates trends)
 - A numerical VTO
 - Self-evaluation
 - Monitors record quality



Case Management Form



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of Orthodontics

Sample of CMF Skeletal Analysis

SKELETAL ANALYSIS (S)

0-Acceptable 1-Unacceptable

	PRE TX A	PROG A1	POST TX B	DIFF.
SNA°				0.0
SNB°				0.0
ANB°				0.0
SN-MPo**				0.0
FMA°				0.0

	EXAMINEE TX OBJECTIVES	PRE TX OBJ	POST TX RESULT	Score
A-P MX		0 1	0 1	0
A-P MN		0 1 00	0 1	0
		_		
VERT MX		0 1 00	00	0
VERT MN		0 1	0 0 0	0



Sample of CMF Dental Analysis

DENTAL ANALYSIS (D)

<u>1</u> TO NA mm		0.0
1 TO SN°		0.0
- 1 TO NB mm		0.0
- 1 TO MP°		0.0

<u>6</u> TO <u>6</u> WIDTH		0.0
6 TO 6 WIDTH		0.0
3 TO 3 WIDTH		0.0
CURVE OF SPEE		0.0
MANDIBULAR ARCH FORM		

A-P MX	00	0	0 0 0 1	0
A-P MN	00	0	0 0 0 1	0
VERT	0	0 1	0 0 0 1	0

TRANS MX	
TRANS MN	
TRANS ANT	
CURVE OF SPEE	
ARCH FORM MN	
l	



Sample of CMF Facial Analysis

FACIAL ANALYSIS (F)

E-LINE	Upper	0.0	FACIAL	0 0 0 0	0
	Lower	0.0	ESTHETICS	0 1 0 1	

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Sample of CMF Records Analysis

RECORDS ANALYSIS

Shaded areas for examiner only.

	FACIAL PHOTOS	INTRAORAL PHOTOS	INTRAORAL RADIOGRAPHS	PERIO RECORD	CEPH. & TRACINGS	COMP. TRACING	DENTAL CASTS	CASE REPORT	PRESENT. QUALITY
PRE-TX A &/OR PROG. A1	0 1	0 1	0 1	0 1	0 1		0 1		
FINAL B	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1



Sample of CMF Overall Analysis

OVERALL ANALYSIS

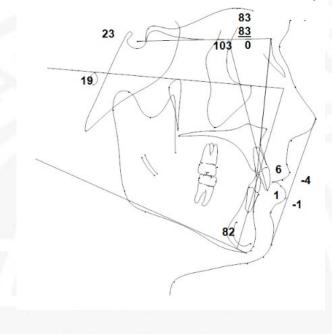
TREA	TMENT PLANNING / MECHANOTHERAPY	FINAL TREATMENT RESULTS		
0	1 2 3 DEFICIENCIES	0	1 2 3	
ACCEPT		ACCEPT	DEFICIENCIES	

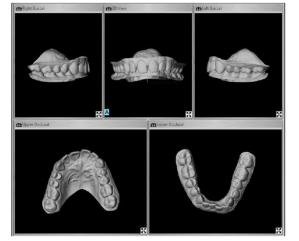


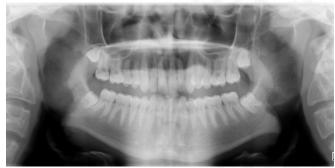
Example Case: Jack











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Written Case Report

PATIENT'S NAME:	Jack			DOB (mm-dd-yyyy)	4-13-94
RECORDS SET		A		A1	В
RECORDS DATE (mm-dd-yyyy)	RECORDS DATE (mm-dd-yyyy) (05-06-2015
PATIENT AGE	PATIENT AGE				21 - 1
		SINGLE PHASE		PHASE ONE	PHASE TWO
INITIATED TX DATE (mm	n-dd-yyyy)	10-14-2013	OR		
COMPLETED TX DATE (mm	n-dd-yyyy)	05-06-2015			
CASE CRITERIA IDENTIFIER	Not Applicable				
	DI VALUE	14			

HISTORY AND ETIOLOGY: 630 max.

Patient is a 19y 4m Caucasian male who presented with a chief complaint of "gap between teeth". He has a non-contributory medical and dental history, no allergy were reported.

DIAGNOSIS

Skeletal: 360 max

Class I with Class III tendency (ANB = 0.1). His mandibular angle was average to low (SN-MP = 23.4) Cervical vertebrae maturation stage is 5.

Dental: 630 max

Bilateral Class I molar and canine relationship, overjet of 4mm. Normoclined upper incisors, retroclined lower incisors. Impinging overbite(7.1 mm). There is a deep curve of spee. The overall space analysis showed mild (2 mm) spacing in upper arch and moderate(3.5 mm) crowding in lower arch.

The upper midline is shifted to the right 2mm, lower midline is shifted to the right (3mm).

There is a 1 mm diastema between upper central incisors.

Developing 8's in all quadrants.

Facial: 360 max

Straight profile, long lower facial third, obtuse nasolabial angel, maxillary midline 2 mm to the right of facial midline, mandibular midline 3 mm to the right of facial midline. competent lips at rest. Excessive gingival display in upper right dentition.

SPECIFIC OBJECTIVES OF TREATMENT

Maxilla (all three planes): 180 max.

There are no skeletal objectives indicated.

Mandible (all three planes): 180 max.

There are no skeletal objectives indicated.

Maxillary Dentition

A-P: 180 max.

Establish ideal overjet, retract upper incisors and close spaces, maintain molar position.

T-1	2/60	characters remaining
Intrusion of upper incisors.		
Intermolar Width: 90 max.		
Maintain transverse dimension	.(Measured from ML	cusp tip of U6s).
ndibular Dentition A-P: 180 max.		
Improve the inclination of lower	er incisors.	
Vertical: 180 max.		
Intrusion of lower incisors, ext	rusion of lower mola	rs is expected.
Intermolar / Intercanine Width	180 max.	
Maintain transverse dimension	(measured from cent	tral fossa of L6s, and cusp tip of L3s)
cial Esthetics: 270 max.		
prove the facial asthetics by clos	ing the diastema.	
EATMENT PLAN: 1170 max.		
EATMENT FEAT. 1170 max.		
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.0	n 7-7 using 0.022" x) on lower second m .6,0.017x0.022,0.01	obing. 2) Non-extraction treatment plan. 0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires.
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.01 Coordinate midlines and close sp Progress panoramic x-ray will by	n 7-7 using 0.022" x) on lower second m .6,0.017x0.022,0.01 paces.	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth.
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.03 Coordinate midlines and close sp	n 7-7 using 0.022" x) on lower second m .6,0.017x0.022,0.01 paces.	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires.
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.01 Coordinate midlines and close sp Progress panoramic x-ray will be Use class II elastic if needed. IPR as needed.	n 7-7 using 0.022" x) on lower second m .6,0.017x0.022,0.01 baces. taken, finishing ber	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires.
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.0: Coordinate midlines and close s; Progress panoramic x-ray will be Use class II elastic if needed. IPR as needed. Retention: U/L Essix retainers al	n 7-7 using 0.022" x) on lower second m .6,0.017x0.022,0.01 baces. taken, finishing ber	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires. India and reposition of brackets as needed.
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.0: Coordinate midlines and close s; Progress panoramic x-ray will be Use class II elastic if needed. IPR as needed. Retention: U/L Essix retainers al	n 7-7 using 0.022" x) on lower second m (6,0.017x0.022,0.01 baces. taken, finishing ber the day of debond,	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires. Indicate the old of the old
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.0) Coordinate midlines and close s Progress panoramic x-ray will be Use class II elastic if needed. IPR as needed. Retention: U/L Essix retainers al onth retainer check visit. PLIANCES AND TREATMENT I 022x0.028 pre-adjusted appliance	n 7-7 using 0.022" x) on lower second m (6,0.017x0.022,0.01) aces. e taken, finishing ber the day of debond, PROGRESS: 990 max. te (victory series; 3M	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires. Indicate the old of the old
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.0) Coordinate midlines and close sp Progress panoramic x-ray will be use class II elastic if needed. IPR as needed. Retention: U/L Essix retainers al onth retainer check visit. PPLIANCES AND TREATMENT IN D22X0.028 pre-adjusted appliance ded light straight leg reverse cur-	n 7-7 using 0.022" x) n 7-7 using 0.022" x) logo of the control	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires. Indicate the old of the old
Obtain the general dentist clears Bond upper and lower teeth fror sterior bite blocks (adhesive GIC Level and align using 0.014,0.0) Coordinate midlines and close s Progress panoramic x-ray will be Use class II elastic if needed. IPR as needed. Retention: U/L Essix retainers al inth retainer check visit. PLIANCES AND TREATMENT I D22x0.028 pre-adjusted appliance ed light straight leg reverse curve e patient was compliant with ap ight power chains were used to d	n 7-7 using 0.022" x) n 7-7 using 0.022" x) 1.00 wer second m (6,0.017x0.022,0.01) aces. et aken, finishing ber the day of debond, the day of debond, et aken, finishing ber et use (victory series; 3Me NiTi wires to level oointments, elastic wose spaces, Light IPP.	0.028" slot edgewise metal brackets MBT prescription. use olars to help open the bite and bond lower anteior teeth. 8x0.025 NT wires then 0.019x25 SS wires. nds and reposition of brackets as needed. then upper and lower hawleys with anterior bite plate at 1 //Unitek), MBT prescription. the curve of spee and open the bite.

ontics

RESULTS ACHIEVED

Maxilla (all three planes): 180 max.

If differing radiographic units preclude superimposition(s) – check here

A-point moved slightly backward due to upper incisors retraction.

Written Case Report

landible	(all	three	nlanes	١-	180 may

There was a backward movement of B point due to lower incisors increased proclination. Mandibular plane angle increased slightly.

Maxillary Dentition

A-P: 180 max.

Upper incisors were retracted

Vertical: 180 max.

Upper incisors were intruded, the vertical position of upper posterior teeth maintained.

Intermolar Width: 90 max.

Maintained

Mandibular Dentition

A-P: 180 max.

Lower incisors were proclined.

Vertical: 180 max.

Lower incisors slightly intruded, lower molars extruded.

Intermolar / Intercanine Width: 180 max.

Maintained intermolar width, Intercanine width was increased by 1.9mm.

Facial Esthetics: 270 max.

Facial esthetics improved after closing the diastema.

RETENTION: 630 max.

Essix retainers were given at the day of debond, then upper and lower hawleys with anterior bite plane at the 1 month retainers check visit. Patient was instructed to wear retainers 20 hours/day for the first 6 months and 12 hours/day afterward.

FINAL EVALUATION OF TREATMENT: 1170 max.

Chief complaint was addressed, the patient was very pleased with the result. Treatment objectives were achieved in efficient treatment time. There is a relapse potential for the deep bite, However, reducing the interincisal angle that was achieved with treatment in addition to the retainer design (hawley with anterior bite plate) will help migitate the relapse problem.

Upper central incisors showed root resorption, teeth will be monitored and x-rays will be taken periodically. Refer the patient to general dentist to evaluate the 3rd molars.

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Skeletal Analysis

SKELETAL ANALYSIS (S)

0-Acceptable 1-Unacceptable

	PRE TX	PROG A1	POST TX B	DIFF.
SNA°	83.1		82.9	0.2
SNB°	83		81.8	1.2
ANB°	0.1		1.1	1.0
SN-MP°**	23.4		24.7	1.3
FMA°	19.2		21.2	2.0

	EXAMINEE TX OBJECTIVES	Т	RE X BJ	POST TX RESULT	Score
A-P MX	Maintain maxillary position	00	0	00	0
A-P MN	B-point moved backward slightly due to incisors proclination	00	0	00	0
VERT	Maintain vertical dimension.		0	00	
MX		ŏ	1	01	0
VERT MN	Mandible will rotate clockwise slightly as a result of mechanotherapy	00	0	00	0



Dental Analysis

DENTAL ANALYSIS (D)

1 TO NA mm	6.6	4.6	2.0
1 TO SN°	103.2	107	3.8
1 TO NB mm	1.1	3.6	2.5
1 TO MP°	82.2	96.1	13.9

6 TO 6 WIDTH	39.2	39.7	0.5
6 TO 6 WIDTH	40.4	41	0.6
3 TO 3 WIDTH	23	24.9	1.9
CURVE OF SPEE	4	1	3.0
MANDIBULAR ARCH FORM	ov	ov	SAME

A-P MX	Retract upper incisors	00	0	0 0	0
A-P MN	Increase lower incisors proclination	00	0	0 0	0
VERT	Intrusion of upper and lower incisors, extrusion of lower posterior teeth.	00	0	0 0 0 1	0

TRANS MX	Maintain transverse dimension	0 0 0 0 0
TRANS MN	Maintain transverse dimension Increased	0 0 0 0 0
TRANS ANT		$ \begin{smallmatrix} 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 \\ \end{smallmatrix} $
CURVE OF SPEE	leveled	0 0 0 0 0
ARCH FORM MN	Maintain	0 0 0 0 0



Facial Analysis

FACIAL ANALYSIS (F)

				, tonte	110121010(1)	
E-LINE	Upper	-4	-5	1.0	FACIAL	0 0 0 0
L-LINE	Lower	-1	-1	0.0	ESTHETICS	0 1 0 1

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Records Analysis

Shaded areas for examiner only.

RECORDS ANALYSIS

	PHO	TOS		AORAL		AORAL GRAPHS		RIO		H. & CINGS	TRAC	MP. CING		STS	REP		PRES QUA	
PRE-TX A &/OR PROG. A1	0	1	0	1	0	1	0	1	0	1			0	1		100		
FINAL B	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

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: Overall Analysis

OVERALL ANALYSIS

TREAT	MENT PLANNIN	IG / MECHANOTHE	RAPY	FINAL TREATMENT RESULTS					
0 ACCEPT	1	2 DEFICIENCIES	3	0 ACCEPT	1	DEFICIENCIES	3		

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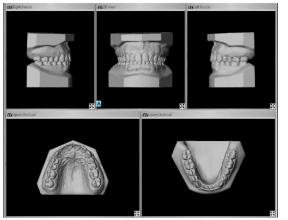






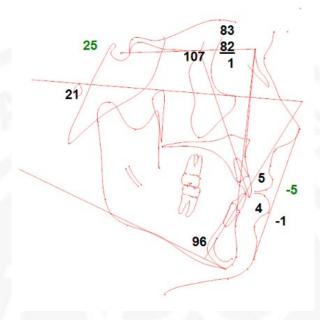












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RECORDS ANALYSIS

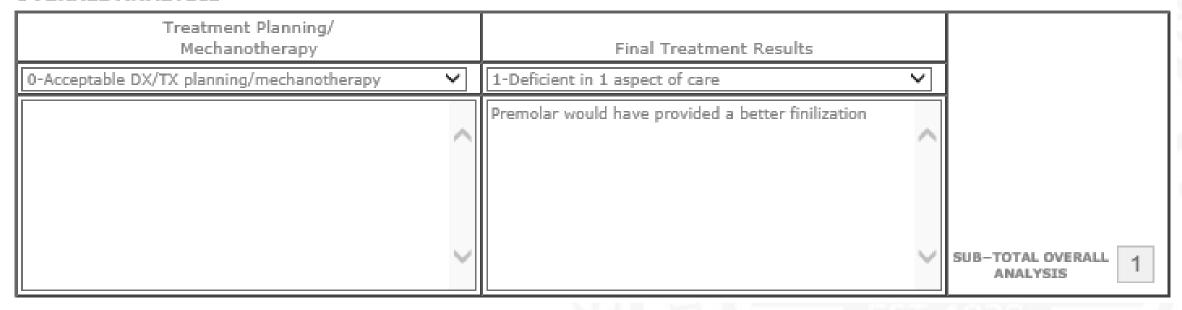
	FACIAL PHOTOS	INTRAORAL PHOTOS	INTRAORAL RADIOGRAPHS	PERIO RECORD	CEPH. & TRACING	COMP. TRACING	DENTAL CASTS	CASE REPORT	PRESENT. QUALITY	
PRE- TX A &/or PROG A1	⊙ 0 ○1	⊙ 0 ○ 1	● 0 ○ 1	⊙ 0 ○ 1	○ 0 • 1		⊙ 0 ○ 1			
FINAL B	⊙ 0 ○1	⊙ 0 ○ 1	● 0 ○ 1	⊙ 0 ○1	○ 0 • 1	○ 0 • 1	⊙ 0 ○ 1	⊙ 0	● 0 ○ 1	SUB-TOTAL RECORDS 3

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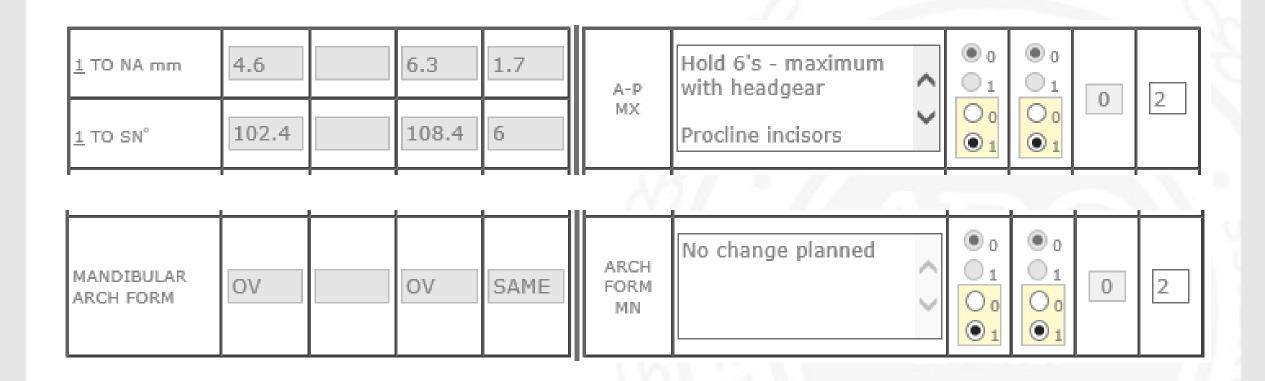


OVERALL ANALYSIS



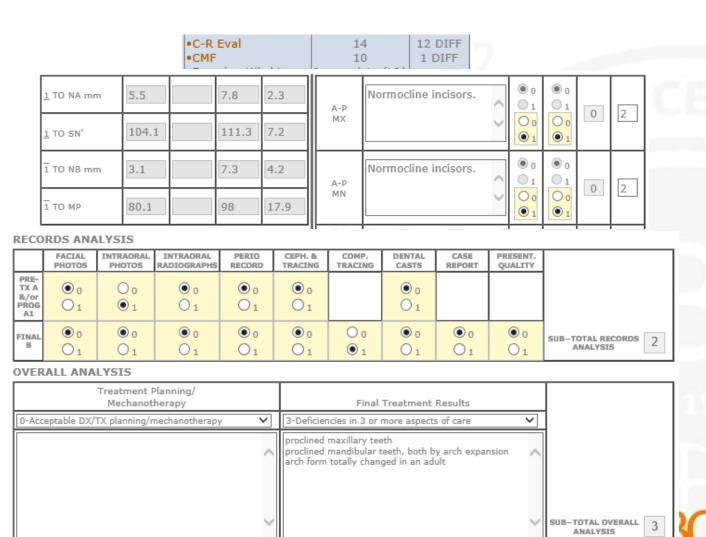










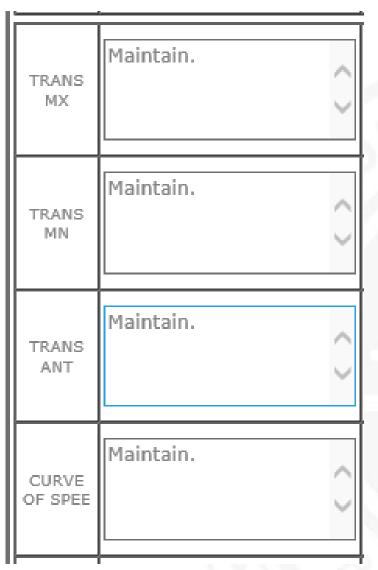


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Treatment Objective Sample Descriptors

	Arch	A-P	Vertical	Transverse
П		No change, no growth expected	No change, no growth expected	No change
l		Minimal growth expected	Minimal growth expected	Expand (mm)
l	ary	Norm. growth expected	Norm growth expected	Constrict (mm)
l	xil	Hold, Restrict	Hold	
Sis	Maxillary	Advancemm	Intrude (Postmm/ Antmm)	
Ě		Retractmm	Downgraft (Postmm/ Antmm)	
Analysis		Correct vertical asymmetry:		
		No change, no growth expected No change, no vertical growth expected		No change
z	l	Minimal growth expected	Minimal vertical growth expected	Expand (mm) – surg.
 	lar	Norm. growth expected (mostly horizontal)	Norm vertical growth expected	Constrict (mm) - surg.
Skeletal	Mandibular	Norm. growth expected (equal horiz & vert)	Excess vertical growth expected	
	nd	Norm. growth expected (mostly vertical)	Plan to rotate clockwise – increase LFH	
l	Ma	Adv Pg - autorotation by controlling vertical	Plan to rotate counter-clockwise –decrease LFH	
l	'	Advance Pgmm	Correct vertical asymmetry	
		Set back Pgmm		



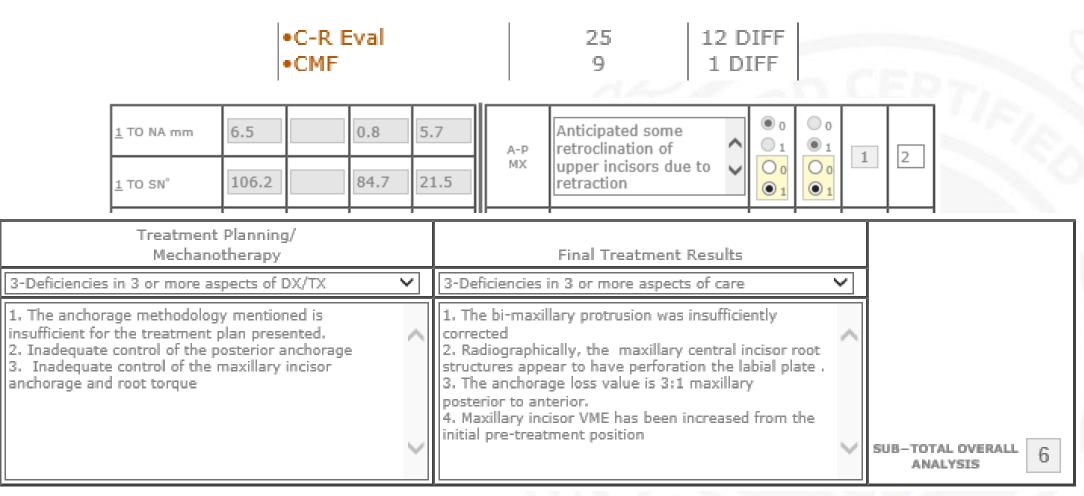
	Arch	A-P	Vertical	Transverse
		No change expected or planned	No change expected or planned	No change planned
		Expect norm growth, no anchorage planned	Expect norm development	Expand molarsmm
		Hold 6's – Maximum	Hold 6's – Maximum	Expand premolarsmm
		Hold 6's – Moderate (allow mesial 2-3mm)	Hold 6's – Moderate	
	١. ا	Advance 6's: UR6mm, UL6mm	Intrude 6'smm	Expand caninesmm
	lary	Tip back/Dist 6's: UR6mm, UL6mm	Extrude 6'smm	Constrict caninesmm
	Maxillary	No incisor change expected Hold incisors	No incisor change expected or planned Hold incisors	ARCH FORM: Maintain
١.,		Advance / flare incisorsmmdeg	Intrude incisorsmm	Alter to:
sis		Retract / upright incisorsmmdeg	Extrude incisorsmm	
[Maintain incisor angulation		
Analysis		Angulation change, (circle) + or - ,degrees		
		No change expected or planned	No change expected or planned	No change planned
Dental		Expect norm growth, no anchorage planned	Expect norm development	Expand molarsmm
۱å		Hold 6's – Maximum	Hold 6's – Maximum	Expand premolarsmm
Γ		Hold 6's – Moderate (allow mesial 2-3mm)	Hold 6's – Moderate	
	ar	Advance 6's: UR6mm, UL6mm	Intrude 6'smm	Expand caninesmm
	Mandibular	Tip back/Dist 6's: UR6mm, UL6mm	Extrude 6'smm	Constrict;mm
	ndi			
	Ma	No incisor change expected	No incisor change expected or planned	ARCH FORM:
		Hold incisors	Hold incisors	Maintain
		Advance / flare incisorsmmdeg		Alter to:
		Retract / upright incisorsmmdeg	Extrude incisorsmm	
		Maintain incisor angulation		[
		Angulation change, (circle) + or - ,degrees		

pard tics.

	Arch	A-P	Vertical	Transverse
Г		No change planned or required	Expect norm increase in facial ht	Maintain alar base width
l		Reduce facial convexity	No change expected	Smile esthetics (be specific):
s.		Increase facial convexity	Decrease LFH	
Ş	tics	Hold lips but retract relative to nose/chin, E-plane	Reduce Lip Incompetence	
Analysis	the	Retract U lipmm (Estim actual change)	Increase LFH	
74	Es	Retract L lipmm (Estim actual change)	Minimize increase in LFH with mechanics	
<u>ह</u>	ial	Advance U&L lips relative to E-line	Expect significant increase in LFH with growth	
Facial	Fac	Advance U lipmm (Estim actual change)		
1		Advance L lipmm (Estim actual change)	Incisal display (increase, decrease)	
		Increase chin projection (w growth, w surgery)	Alter smile arc (maintain, increase or decrease)	
L			Reduce gingival display	











•C-R Eval	34	21 DIFF
•CMF	11	1 DIFF

RECORDS ANALYSIS

	FACIAL PHOTOS	INTRAORAL PHOTOS	INTRAORAL RADIOGRAPHS	PERIO RECORD	CEPH. & TRACING	COMP. TRACING	DENTAL CASTS	CASE REPORT	PRESENT. QUALITY	
PRE- TX A &/or PROG A1	⊙ 0	⊚ 0 ○ 1	⊙ 0	⊙ ₀ ○ ₁	⊙ 0		⊙ 0 ○ 1			
FINAL B	● 0 ○ 1	⊙ 0 ○ 1	⊚ 0 ○ 1	⊙ ₀	○ 0 • 1	⊙ 0 ○ 1	⊙ 0 ○ 1	○ 0 • 1	○ 0 • 1	SUB-TOTAL RECORDS 3

Treatment Planning/ Mechanotherapy		Final Treatment Results		
2-Deficiency in 2 aspects of DX/TX plan/mech	>	2-Deficiencies in 2 aspects of care	Y	
Fail to evaluate the amount of proclination of mandibular incisor and attempt to correct Fail to recognize the amount of mandibular crowding due to increase curve of Spee failed to diagnose properly and failed to correct skeletal problem	ζ >	Fail to deliver appropriate extraction case to prevent lower incisor further proclination Facial bone on the vestibular side is absent Deep bite corrected at the expense of the proper lower incisor position with periodontal consequences	< > >	SUB-TOTAL OVERALL 4

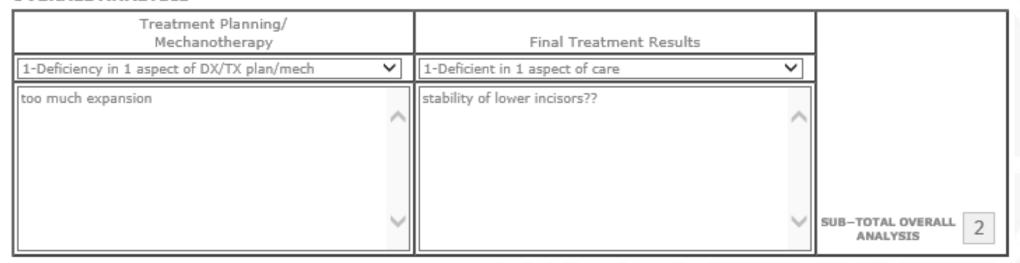




RECORDS ANALYSIS

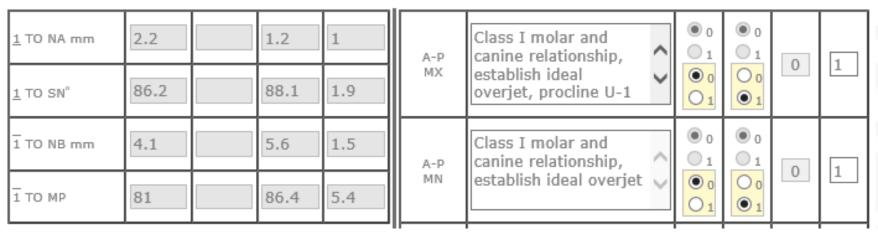
	FACIAL PHOTOS	INTRAORAL PHOTOS	INTRAORAL RADIOGRAPHS	PERIO RECORD	CEPH. & TRACING	COMP. TRACING	DENTAL CASTS	CASE REPORT	PRESENT. QUALITY	
PRE- TX A 8./or PROG A1	⊙ ₀ ○ ₁	⊙ 0 ○ 1	⊙ 0	⊙ 0	○ 0 • 1		⊙ 0 ○ 1			
FINAL B	⊙ 0 ○1	⊙ 0	⊚ 0	⊙ 0 ○1	● 0 ○ 1	⊙ 0	⊙ 0 ○ 1	○ 0 • 1	⊙ 0 ○ 1	SUB-TOTAL RECORDS 2

OVERALL ANALYSIS

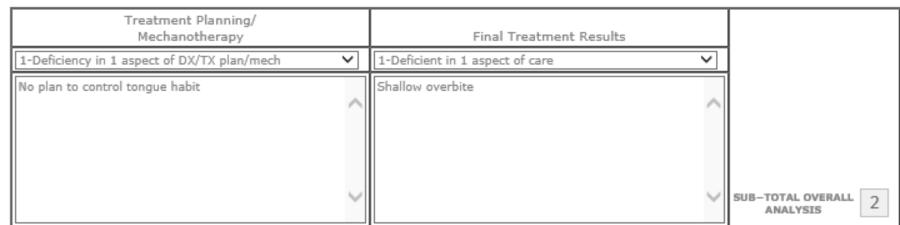








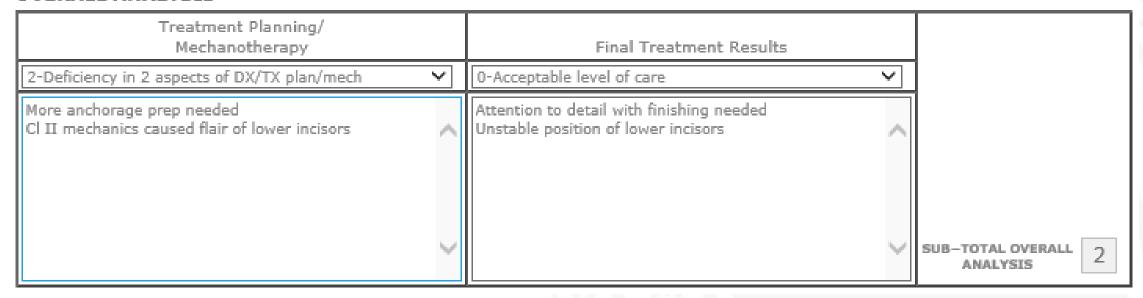
OVERALL ANALYSIS







OVERALL ANALYSIS

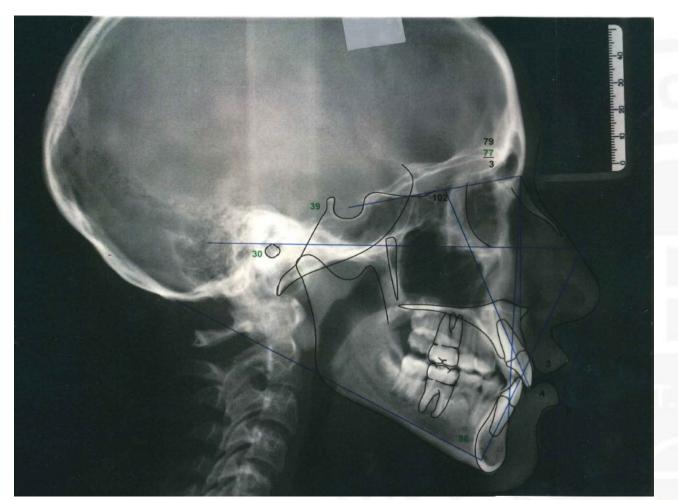


EST. 1929



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Poor Superimpositions/Tracings





Example 2 Applications

- Treatment planning aid with stated objectives
- Educational aid at departmental case presentations
- Self-assessment
- Record quality assessment
- Testing tool
- Critical evaluating change over time
- Clinical management tool





EST. 1929

