

CASE: 7587 0823 2

D, R

DRS. D/B

M (CA) Caucasian

AGE: 6.0

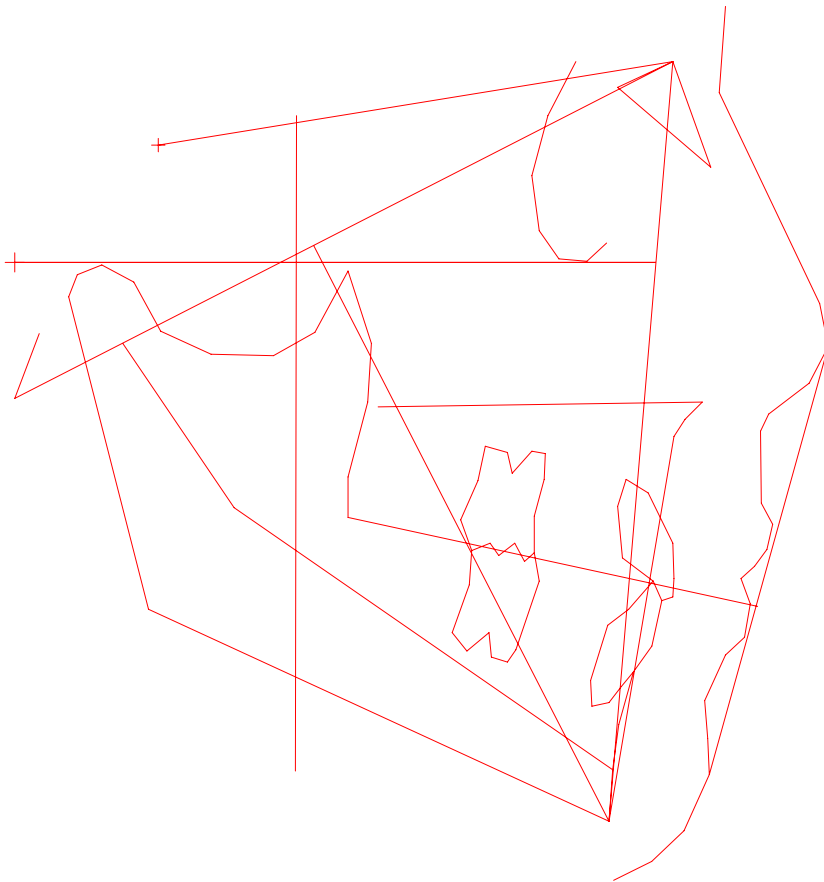
X: 10/04/2010 - R: 10/11/2010

MISSING PERMANENT TEETH

R ———— | ———— L

VISUAL NORMS

RMO®



D, R RMO Case Number: 7587 0823 2 X-Ray date: 10/04/2010 Age: 6.0 Reference: C C D 1
 Drs. D/B RMO Run date: 10/11/2010 Birthdate: 10/22/2004 Sex: Male 1

C C D - O R T H O D O N T I C C O N D I T I O N S

LATERAL PROGRESS

FACTOR	MEASURED VALUE	CLINICAL NORM	CLINICAL DEVIATIONS FROM NORM
--------	----------------	---------------	-------------------------------

- Appears on tracing

===== DENTAL RELATIONS =====

01 Molar Relation	-1.6 mm	-3.0 mm	0.5
03 Canine Relation	-5.3 mm	-2.0 mm	-1.1 *
05 Incisor Overjet	0.2 mm	2.5 mm	-0.9
07 Incisor Overbite	-0.4 mm	2.5 mm	-1.5 *
09 Mand Incisor Extrusion	0.0 mm	1.3 mm	-0.6
#11 Interincisal Angle	126.4 dg	136.1 dg	-1.6 *

===== DENTAL TO SKELETON =====

#18 A6 Molar Position to PTV	10.4 mm	9.0 mm	0.5
#20 B1 to A-Po Plane	4.2 mm	1.0 mm	1.4 *
22 A1 to A-Po Plane	4.4 mm	3.5 mm	0.4
#24 B1 Inclination to A-Po	24.8 dg	22.0 dg	0.7
26 A1 Inclination to A-Po	28.9 dg	28.0 dg	0.2
27 Occlusal Plane to Xi	3.6 mm	2.4 mm	0.4
28 Inclination of Occl Plane	23.1 dg	21.1 dg	0.5
54 B1 Inclination to FH	58.3 dg	65.0 dg	-1.3 *

===== ESTHETICS - Lips are open on X-Ray =====

29 Lower Lip to Esthetic Plane	4.7 mm	-0.5 mm	2.6 **
30 Upper Lip Length	25.1 mm	22.1 mm	1.5 *
31 Lip Embrasure to Occl Plane	-0.6 mm	-3.0 mm	1.2 *
58 NasoLabial Angle	106.9 dg	115.0 dg	-1.6 *

===== NASOPHARYNGEAL AIRWAY =====

62 N-S-Ba	125.6 dg	129.6 dg	-0.8
63 Ba-S-PNS	57.3 dg	63.0 dg	-2.3 **
85 Airway Percent	58.4 %	50.8 %	0.5
86 Linder-Aronson AD1	18.2 mm	20.2 mm	-0.4
87 Linder-Aronson AD2	15.5 mm	15.4 mm	0.0
88 Distance PTV to Adenoid	7.9 mm	7.1 mm	0.2

C C D - S K E L E T A L C O N D I T I O N S

LATERAL PROGRESS

FACTOR	MEASURED VALUE	CLINICAL NORM	CLINICAL DEVIATIONS FROM NORM
--------	----------------	---------------	-------------------------------

- Appears on tracing

===== SKELETAL RELATIONS =====

#13 Convexity	3.7 mm	4.0 mm	-0.1
#15 Lower Facial Height	50.8 dg	45.0 dg	1.5 *
84 Present Patient Height	NOT AVAILABLE		
91 Posterior face height	65.5 mm		
92 Anterior face height	101.9 mm		
93 Posterior/Anterior ratio	64.3 %		
94 Saddle Angle	116.9 dg	123.0 dg	-2.0 **
96 Condylion-A point	76.3 mm	80.5 mm	-1.7 *
97 Condylion-Gnathion	97.1 mm	96.6 mm	0.1
95 Max-Mand Differential	20.8 mm	17.5 mm	1.5 *
98 Menton-ANS	61.7 mm	59.9 mm	0.7

===== JAW TO CRANIUM =====

#32 Facial Depth	87.8 dg	85.6 dg	0.7
#34 Facial Axis	88.9 dg	90.0 dg	-0.3
#36 Maxillary Depth	92.3 dg	90.0 dg	0.8
37 Maxillary Height	52.0 dg	51.9 dg	0.0
38 Palatal Plane to FH	5.1 dg	1.0 dg	1.2 *
#39 Mandibular Plane to FH	27.7 dg	26.9 dg	0.2
77 Ba-N-A	63.5 dg	63.0 dg	0.2
76 S-N-A	83.7 dg	82.0 dg	0.5
78 S-N-B	80.4 dg	80.0 dg	0.1
69 A-N-B Difference	3.3 dg	2.0 dg	0.5
75 Total Facial Height	61.8 dg	60.0 dg	0.6

===== INTERNAL STRUCTURE =====

40 Cranial Deflection	29.3 dg	27.0 dg	0.8
42 Cranial Length Anterior	53.7 mm	51.4 mm	0.9
44 Ramus Height (CF-Go)	49.4 mm	48.7 mm	0.2
46 Ramus Xi Position	82.5 dg	76.0 dg	2.2 **
48 Porion Location (Por to PTV)	-35.9 mm	-38.6 mm	1.2 *
#50 Mandibular Arc	23.1 dg	24.6 dg	-0.4
51 Corpus Length	56.9 mm	58.1 mm	-0.4

CASE: 7587 0823 2

D, R

DRS. D/B

M (CA) Caucasian

AGE: 6.0

X: 10/04/2010 - R: 10/11/2010

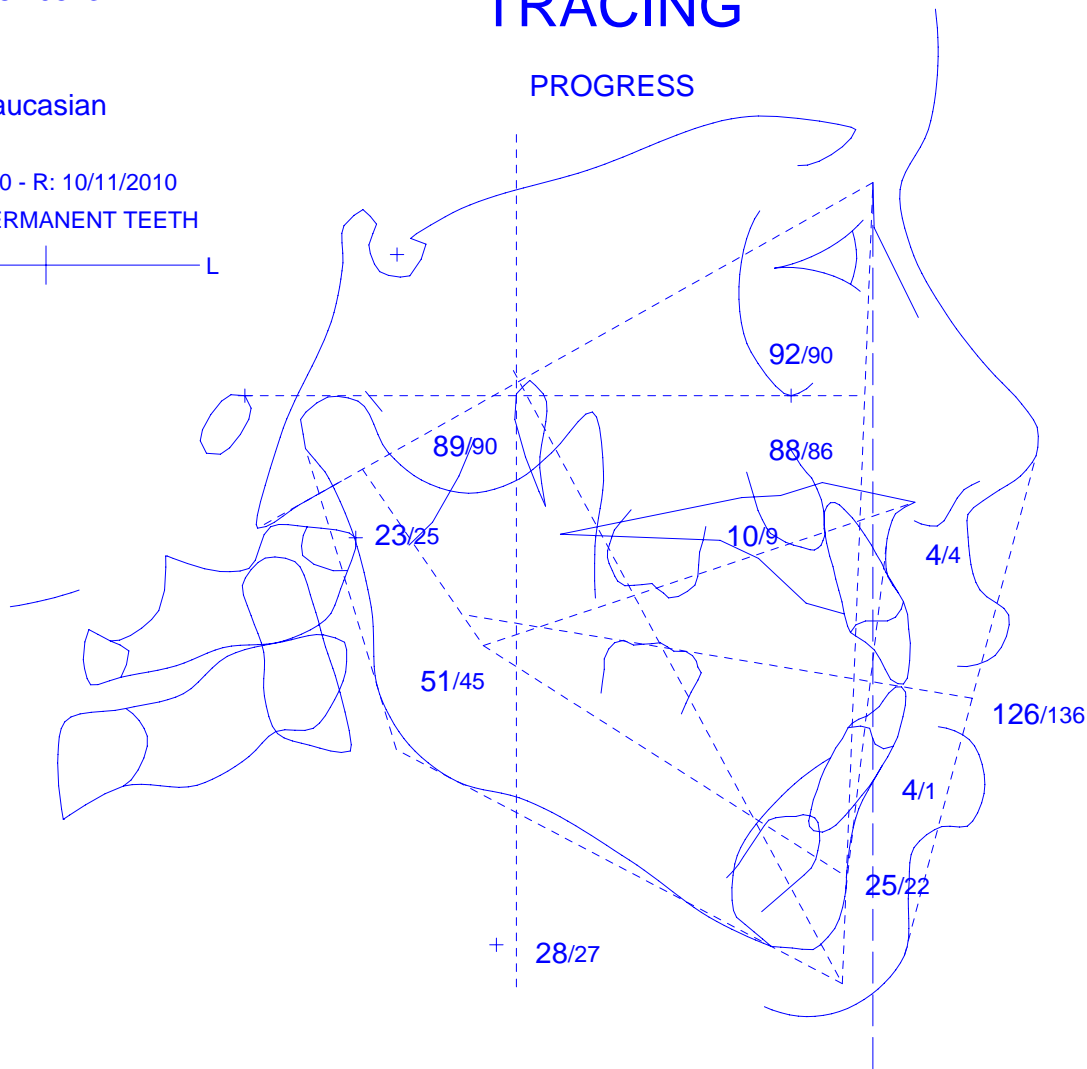
MISSING PERMANENT TEETH

R ————— L

TRACING

RMO®

PROGRESS



MEASURED VALUE/NORM

SIGNIFICANT CONSIDERATIONS			
CONDITION	REASON		
Open Bite Skeletal Open Bite Adenoid blockage of the airway?	due to the mandible & palate Probably not		
FACIAL PATTERN: MESOFACIAL			
# FACTORS	MEASURED VALUE	NORM	CLINICAL DEVIATION
Interincisal Angle	126.4 dg	136.1 dg	-1.6 *
Convexity	3.7 mm	4.0 mm	-0.1
Lower Facial Height	50.8 dg	45.0 dg	1.5 *
A6 Molar Position to PTV	10.4 mm	9.0 mm	0.5
B1 to A-Po Plane	4.2 mm	1.0 mm	1.4 *
B1 Inclination to A-Po	24.8 dg	22.0 dg	0.7
Facial Depth	87.8 dg	85.6 dg	0.7
Facial Axis	88.9 dg	90.0 dg	-0.3
Maxillary Depth	92.3 dg	90.0 dg	0.8
Mandibular Plane to FH	27.7 dg	26.9 dg	0.2
Mandibular Arc	23.1 dg	24.6 dg	-0.4

CASE: 7587 0823 2

D , R

DRS. D /B,

M (CA) Caucasian

AGE: 6.0

X: 10/04/2010 - R: 10/11/2010

MISSING PERMANENT TEETH

R ————— L

GROWTH TO MATURITY

WITHOUT TREATMENT

RMO®



ESPECIALLY PREPARED FOR DRS. DOYLE/BAKER

PREDICTION PERIOD
to maturity

GROWTH UNITS
to maturity: 12.0

HEIGHT PREDICTION
N/A - Current height unknown

3RD MOLAR PREDICTION

Impaction: 33 %

Marginal: 45 %

Functional: 22 %

COMMENTS

October 11, 2010

RMODS Case #: 7587 0823 2

Patient: D, R

Letter: (27)

Dear DRS. D/B:

This patient's upper or lower permanent incisors are not erupted. In order to provide you with the most accurate workup possible, we have substituted a standard permanent incisor on the tracing before treatment. This is not the deciduous incisor.

As always, we invite your comments with regard to these workups.

We appreciate the opportunity to be of service to you. If you have any questions, please contact one of our technical representatives.

October 11, 2010

TERMS AND CONDITIONS

1. This order is subject to acceptance by RMO, Inc. Diagnostic Services (“RMO”). Upon acceptance, this order becomes a binding contract on the terms and conditions set forth herein, which shall be governed by the laws of the State of Colorado. The Doctor/Buyer hereby submits to the jurisdiction of the courts of the State of Colorado to resolve any dispute related to this contract.
2. Exclusion of Warranties:
The following statements are applicable to the products or services provided:
 - a) Tracing of the cephalometric head films is subject to personal interpretation and is dependant upon the clarity of the head film furnished by the Doctor/Buyer;
 - b) Growth forecasts are statements of expectation. Individuals may differ greatly from forecasted values;
 - c) Cephalometrics is a tool which does not constitute a complete diagnosis; and
 - d) The materials and information provided by RMO constitute an aid to the qualified clinician, not a diagnosis or treatment plan. Only a qualified clinician can develop a complete diagnosis and treatment plan.

RMO HEREBY DISCLAIMS ANY AND ALL WARRANTIES AS TO THE ACCURACY OF ANY TRACING, GROWTH FORECAST, OR TREATMENT, AND MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, APPLICABLE TO THE PRODUCTS OR SERVICES COVERED BY THIS CONTRACT. RMO SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THE PRODUCTS OR SERVICES COVERED BY THIS CONTRACT. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

3. The Doctor/Buyer bears all responsibility for final diagnosis and the results of treatment.
4. Services are performed in compliance with applicable State and Federal laws; including the applicable provisions of the Fair Labor Standards Act, as amended, and of regulations and orders issued thereunder.
5. No liability shall result from delay in performance, or nonperformance, caused by circumstances beyond the control of the party affected; including, but not limited to, an act of God, fire, flood, war, government action, labor trouble, and the like.

RMO furnishes the materials and information to the Doctor/Buyer based upon representations made to RMO by the Doctor/Buyer that he/she is a “qualified clinician”, i.e. that he/she has the requisite knowledge and experience to utilize this aid properly in developing a complete diagnosis and treatment plan.