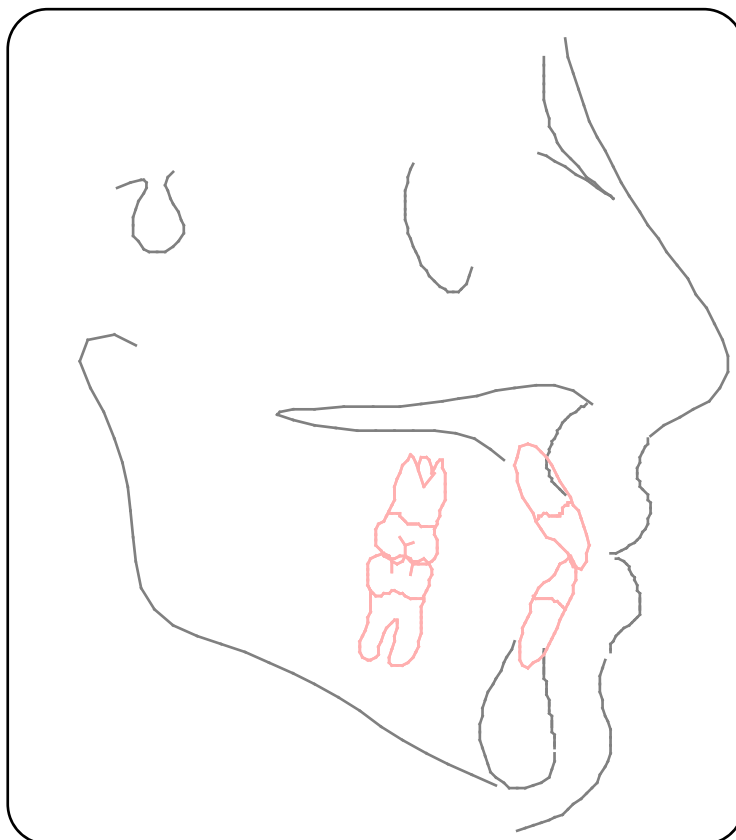


cephX Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Guest Patient



Orthodontist....Dr. Guest

Patient Age.....12

Patient Gender.....Female

Date Of Analysis....14-Aug-2002

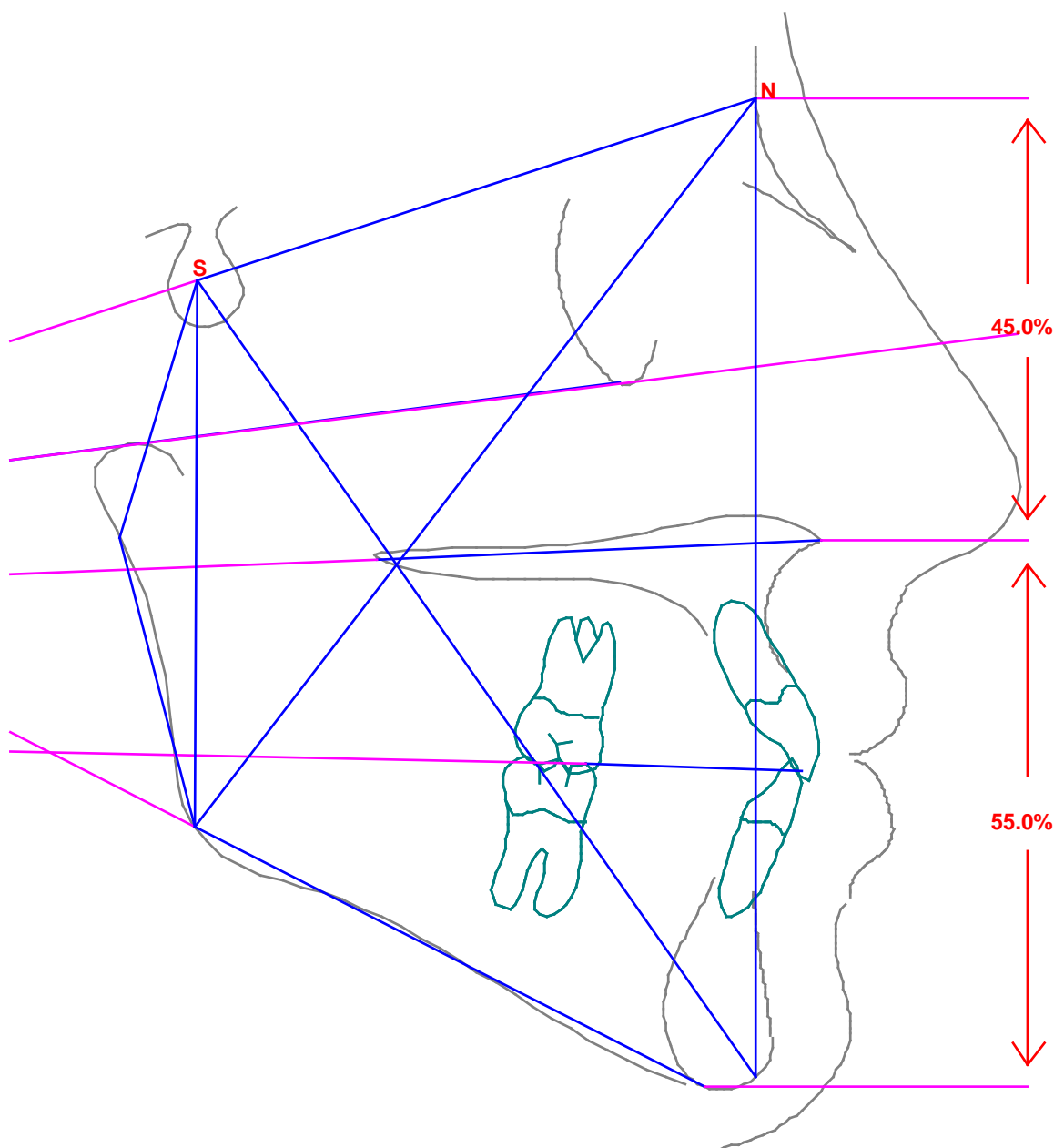
Patient ID.....3741

Bjork-Jarabak Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
SADDLE ANGLE	N-S-Ar	Deg	123.0	4.0	124.53	-(*)+	
ARTICULAR ANGLE	S-Ar-Go	Deg	143.0	5.0	149.08	-(*)+	Strong Gonion
GONIAL ANGLE	Ar-Go-Gn	Deg	130.0	5.0	128.45	-(*)+	
SUM OF ANGLES		Deg	396.0	20.0	402.06	-(*)+	
UPPER GONIAL ANGLE	Ar-Go-N	Deg	53.0	2.0	52.03	-(*)+	
LOWER GONIAL ANGLE	N-Go-Gn	Deg	73.0	3.0	76.42	-(*)+	
ANT. CRANIAL BASE	N-S	mm	71.0	10.0	78.05	-(*)+	
POST. CRANIAL BASE	S-Ar	mm	32.0	5.0	35.88	-(*)+	
RAMUS HEIGHT	Ar-Go	mm	44.0	5.0	39.45	-(*)+	
MANDIBULAR BODY	Go-Gn	mm	71.0	8.0	81.83	-(*)+	
POST. FACE HEIGHT	S-Go	mm			72.62	-()+	
ANT. FACE HEIGHTL	N-Gn	mm			130.13	-()+	
PFH:AFH		%	61.0	2.0	55.15	-(*)+	
ACB:MAND.BODY		%	1:1		0.95	-()+	
UI to SN		Deg	103.0	4.0	97.8	-(*)+	Upper incisor too upright
UI to FH		Deg	100.0	5.0	108.67	-(*)+	Upper incisor proclined forward
UPPER FACE HEIGHT	N-ANS	%	45	3.0	45.0	-(*)+	
LOWER FACE HEIGHT	ANS-Gn	%	55.0	3.0	55.49	-(*)+	



Burlington/Woodside Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

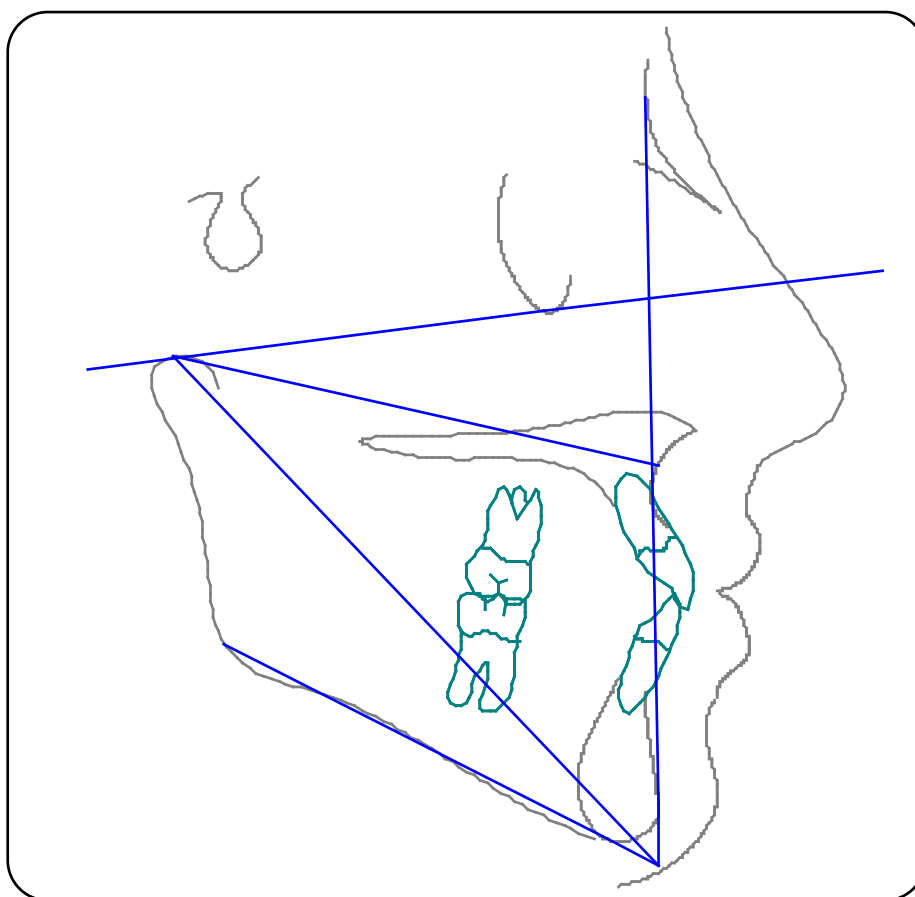
Norms - Female (Age = 12)

AGE	9	12	14	16	18	20
MAX MAND DIFFERENCE	15.0	22.9	25.7	26.8	27.8	26.1
LOW ANT.FACE HEIGHT	61.2	63.4	66.2	66.6	68.5	66.7

Analysis Measurements

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
Mandibular length		mm	114.0	5.0	118.8	-(*)+	
Maxillary length		mm	114.0	5.0	93.48	-(*)+	
Mdb-Mx difference		mm			25.32	-()+	
LOWER FACE HEIGHT	ANS-Gn	%	55.0	3.0	55.49	-(*)+	
UPPER FACE HEIGHT		mm			59.54	-()+	
TOTAL FACE HEIGHT		mm			133.77	-()+	
RATIO		%	55.0	3.0	55.49	-(*)+	
UI TO UPPER LIP VERT.		mm	2.0	1.0	3.37	-(*)+	
RICKETTS GROWTH AXIS		Deg	90.0	4.0	84.38	-(*)+	Retruded chin
N-VERT FH -A		mm	0.0	2.0	-6.04	-(*)+	Retruded Maxilla
N - VERT FH UPPER INC		mm	5.0	2.0	-4.19	-(*)+	Retruded Upper Incisor

*** EXTREMELY LARGE FACE HEIGHT ***

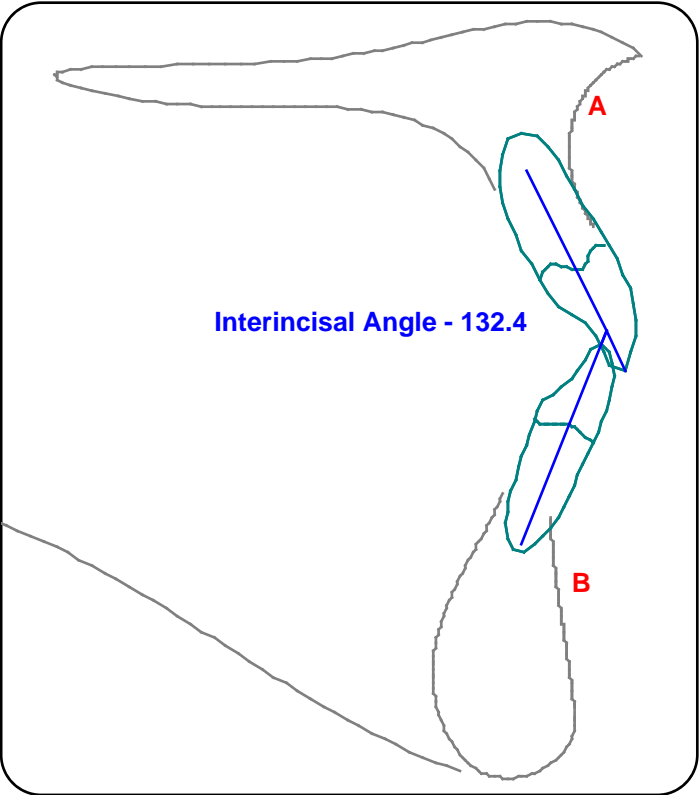
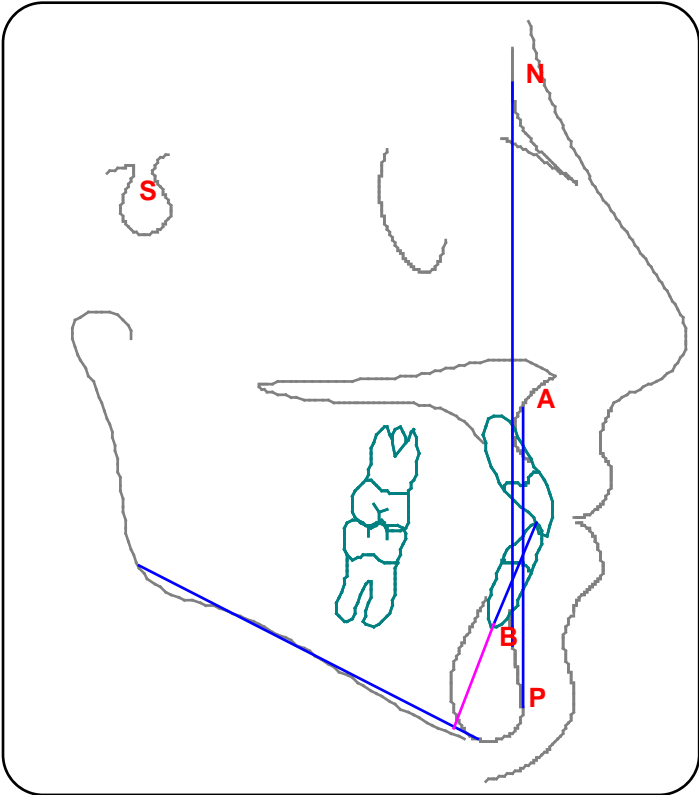


Dental Alveolar - Lower Incisor



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
LOWER I TO NB		Deg	22.0	4.0	21.99	-(*)+	
LOWER I TO NB		mm	4.0	2.0	4.47	-(*)+	
LOWER I TO A/P LINE		mm	0.0	2.0	2.7	-(*)+	lower incisor proclined forward
LOWER I TO GOGN		Deg	90.0	5.0	84.71	-(*)+	Lower incisor too upright
Interincisal Angle	/1 to 1/	Deg	131.0	13.0	132.4	-(*)+	

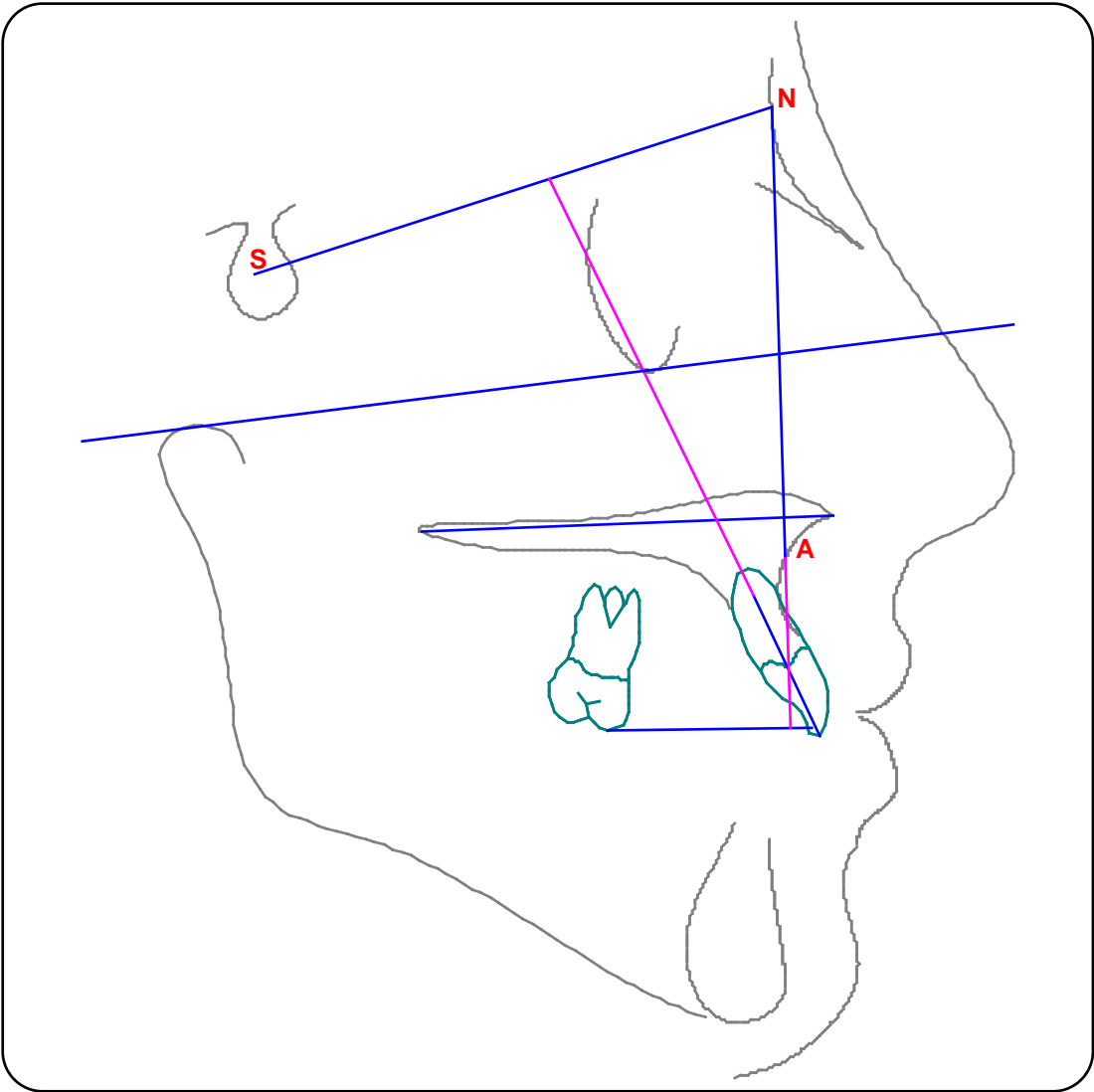


Dental Alveolar - Upper Incisor



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
UPPER I TO SN	Deg	103.0	4.0	97.8	-(*)+	Upper incisor too upright
UPPER I TO FRANKFORT	Deg	100.0	5.0	108.67	-(*)+	Upper incisor proclined forward
UPPER I TO PAL/PL	Deg	110.0	5.0	113.5	-(*)+	
UPPER I TO NA ANGLE	Deg	24.0	4.0	23.96	-(*)+	
UPPER I TO A/P LINE	mm	6.0	3.0	5.06	-(*)+	
UPPER I TO NA (MM)	mm	4.0	2.0	4.24	-(*)+	

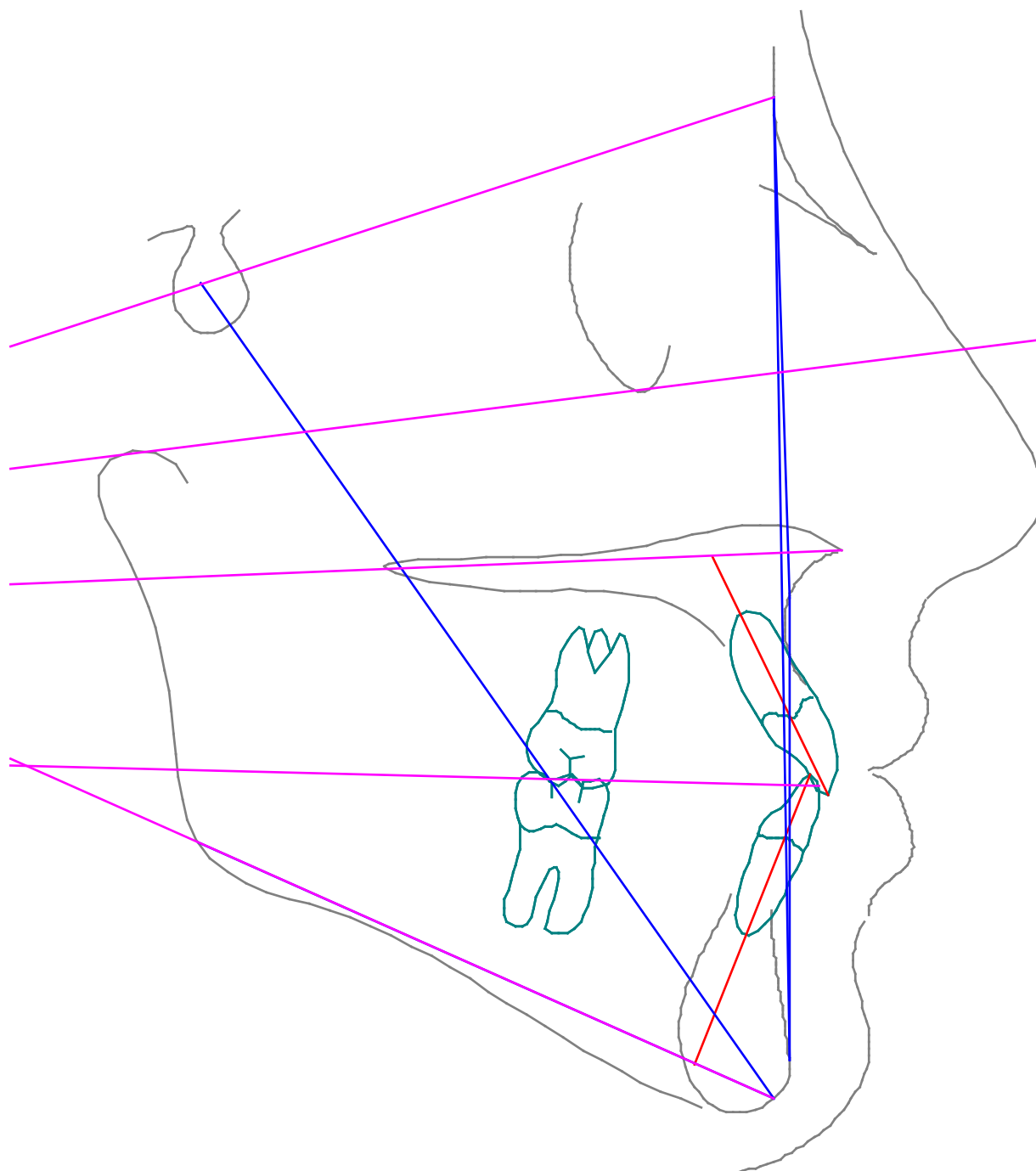


Downs Analysis



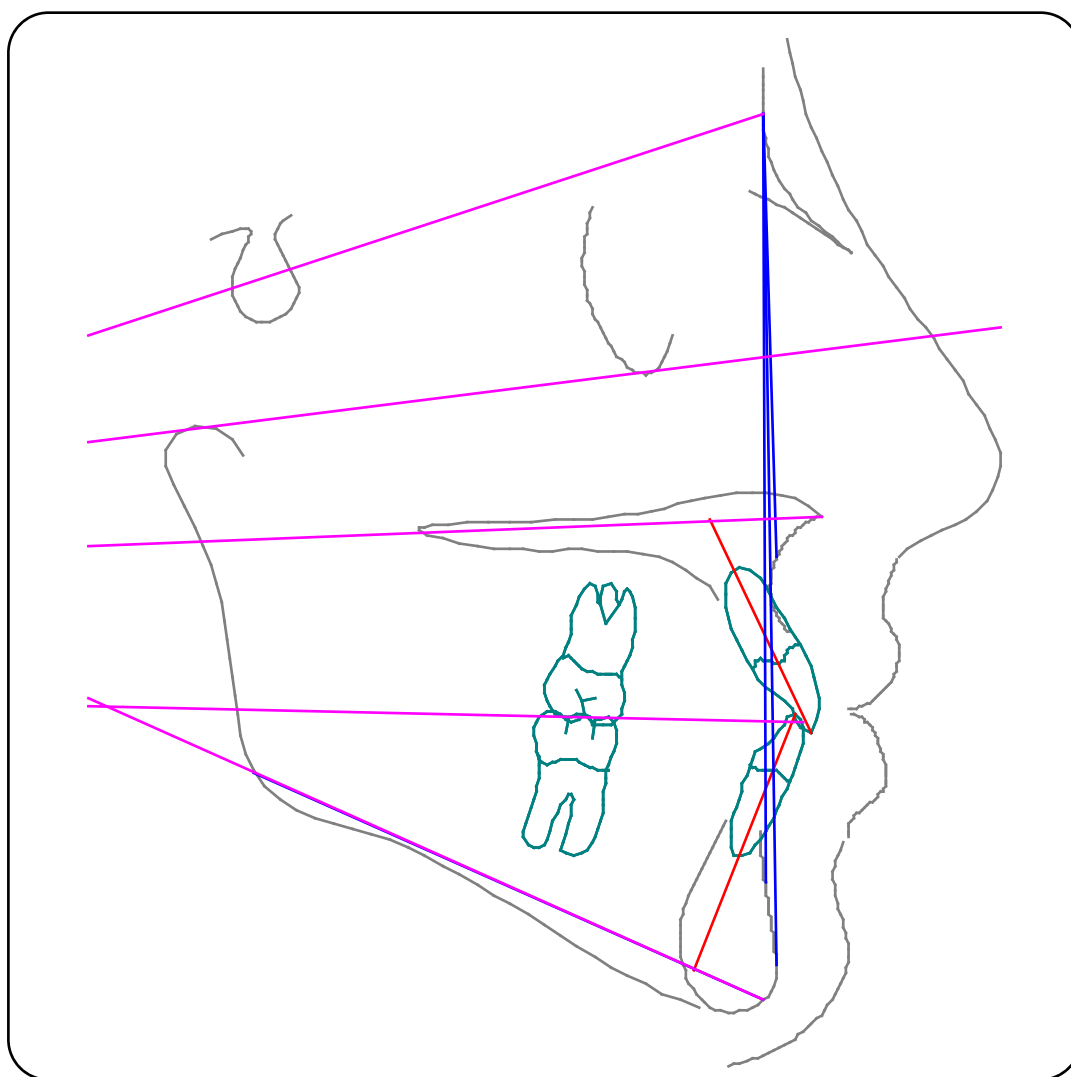
Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
SKELETAL							
FACIAL ANGLE	FH-N-Pog	Deg	87.8	3.6	83.82	-(*)+	mandible retruded to Base
ANGLE CONVEXITY (DOWNS)		Deg	180.0	5.0	178.17	-(*)+	
A-B PLANE	A-B TO FACE PL	Deg	4.6	3.7	2.96	-(*)+	
MAND. PLANE	FH-GoGn	Deg	28.0	3.0	31.21	-(*)+	High Mandibular Plane
Y AXIS	FH to S-Gn	Deg	59.4	3.8	62.1	-(*)+	
DENTAL							
OCCLUSAL PLANE	FH to Occ PL	Deg	9.3	3.8	8.48	-(*)+	
UI to LI		Deg	131.0	5.0	132.4	-(*)+	
LI to Occ PL.		Deg			69.55	-(*)+	
LI to MAND		Deg	90.0	3.7	84.71	-(*)+	Lower Incisor too upright
UI to A-Pog		mm	2.7	3.1	5.06	-(*)+	





Descriptor	Type	Mean	Sd	Patient	Graph	Comment
BASAL - Cranial Base Form						
SN-BASION	Deg	131.0	4.0	128.84	-(*)+	
SN-AR	Deg	124.0	4.0	124.53	-(*)+	
SAGITTAL - Jaw Position						
SN-A	Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SN-Pg	Deg	80.0	5.0	72.95	-(*)+	Retruded Mandible
AN-Pg	Deg	2.0	3.0	0.87	-(*)+	
SAGITTAL - Apical Base Position						
SN-A	Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB	Deg	79.0	2.0	72.2	-(*)+	Mandible retruded
ANB	Deg	3.0	2.0	1.63	-(*)+	
SAGITTAL - Dento-Basal Relations						
Pr-N-A	Deg	2.0		1.26	-()+	
UI-PAL.PLANE	Deg	110.0	5.0	113.5	-(*)+	
UI-NA	mm	4.0	2.0	4.24	-(*)+	
GoGn-CI	Deg	70.0	4.0	59.02	-(*)+	
LI-GoGn	Deg	94.0	5.0	84.71	-(*)+	Lower Incisor upright
LI-NB	mm	4.0	2.0	4.47	-(*)+	
Pg-NB	mm			1.64	-()+	
VERTICAL - Jaw Position						
SN-GoGn	Deg	33.0	4.0	45.07	-(*)+	High angle
Pal-Mand Angle	Deg	25.0	3.0	29.37	-(*)+	High angle
SN-PAL.PLANE	Deg	7.0	3.0	15.7	-(*)+	
DENTAL - BASAL RELATIONS						
Mx Base-Occ Pl. (PP-OP)	Deg	10.0	5.0	3.64	-(*)+	Occlusal plane tipped up
Mand Pl. to Occ Pl.	Deg	20.0	5.0	25.72	-(*)+	hypervergent

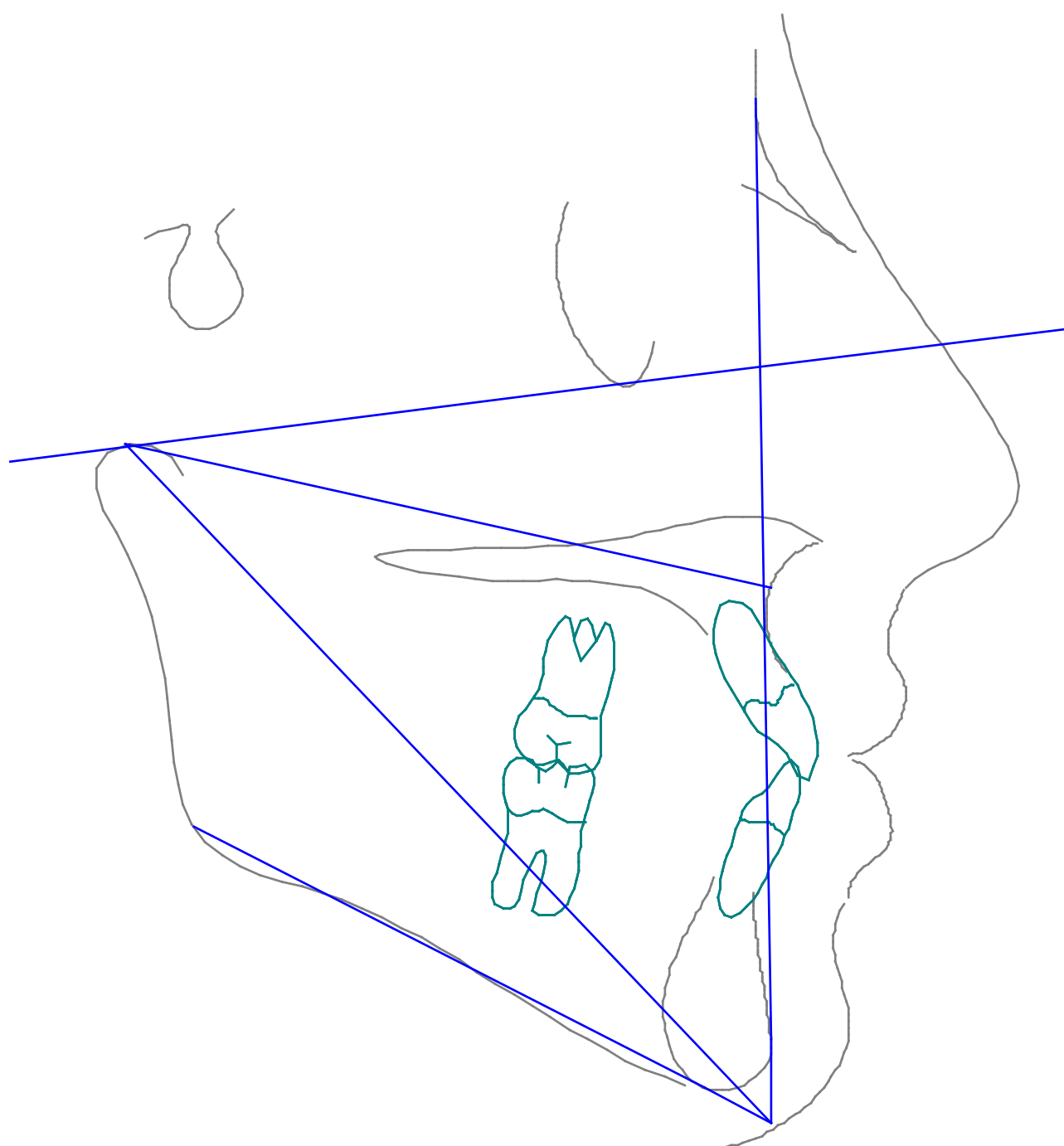


McNamara Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
MAXILLARY SKELETAL	A to Na Perp	mm	1.0	2.0	-6.04	-(*)+	Maxilla Retropositioned
MAXILLARY DENTAL	UI to A Perp	mm	3.5	1.4	4.24	-(*)+	
MANDIBULAR SKELETAL	Pog to Na Perp	mm	-7.0	4.4	-13.56	-(*)+	Mandible Retrognathic
MANDIBULAR DENTAL	LI to APo	mm	1.5	1.5	2.7	-(*)+	
EFF.MAND.LENGTH	CD to Gn	mm	114.0	4.3	112.5	-(*)+	
EFF.MIDFACIAL.LENGTH	CD to A pt	mm	85.0	4.8	84.9	-(*)+	
MAND - MAX DIFF		mm	22.0	3.1	27.6	-(*)+	Gender/Age related
LOW.ANT.FACE.HEIGHT	ANS to Me	mm	60.0	3.8	74.23	-(*)+	
MAND PLANE ANGLE	FH to GoGn	Deg	28.0	3.0	31.21	-(*)+	High angle
GROWTH AXIS	BA:NA to PTV:Gn	Deg	90.0	2.6	84.38	-(*)+	Forward growth

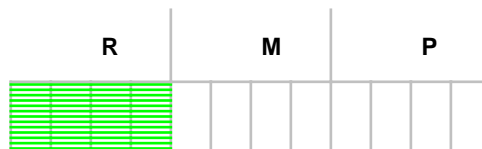


Owen Block Analysis



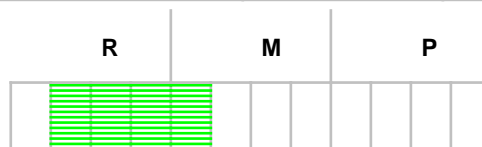
Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

1.Maxillary Skeletal



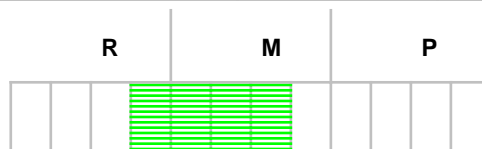
SNA	80<82<84	74	3 RETROGNATHIC
N-VERT-A mm	-2<0<2	-6	2 RETROGNATHIC
NASOLABIAL ANGLE	113>105>97	109	0 MESIOGNATHIC
U / LIP - SUBNASALE	1>2>3	0	1 RETROGNATHIC

2.Maxillary Dental



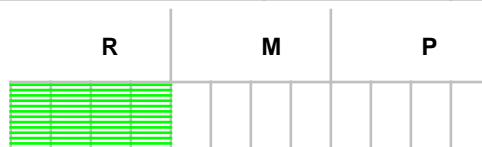
U/1 TO SN	100<104<108	98	1 RETROCLINED
U/1 TO PAL/PL	105<110<115	114	0 MESIOCLINED
U/1 TO NA(DEG)	18<22<26	24	0 MESIOCLINED
U/1 TO NA(mm)	2<4<6	4	0 MESIOCLINED
U/LIP DRAPE	92<97<102	83	2 RETROCLINED

3.Mandibular Dental



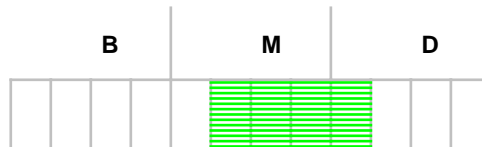
IMPA	90<95<100	85	1 RETROCLINED
LOWER I TO NB(DEG)	21<25<29	22	0 MESIOCLINED
LOWER I TO NB(mm)	2<4<6	4	0 MESIOCLINED
LOWER I TO A/P(mm)	0<2<4	3	0 MESIOCLINED
HALF STEINER (mm)	-5<0<5	1	0 MESIOCLINED

4.Mandibular Skeletal



SNB ANGLE	78<80<82	72	3 RETROGNATHIC
FACIAL ANGLE(DOWNS)	86<89<92	84	1 RETROGNATHIC
NA VERT TO PO (mm)	-9<-6<-3	-14	2 RETROGNATHIC
E ANGLE	68<72<76	66	1 RETROGNATHIC

5.Vertical



GOGN-SN	28<32<36	45	3 DOLICHIFACIAL
OM ANGLE	15<20<25	26	1 DOLICHIFACIAL
Y AXIS	64<67<70	73	1 DOLICHIFACIAL
JARABAK S-GO:N-ME	62<64<66 %	55	4 BRACHYFACIAL
ANT FACE HT(N-ANS-ME)	55% -+2	55	0 MESIOFACIAL

P.O.S Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Skeletal

Descriptor	Measurement	Mean	SD	Patient
Palatel Plane to Mand Plane: Skeletal Open/Close	ANS-PNS to Mand Plane	28	25 to 33	29.37
Mand.Plane Angle - Hi/Lo Angle	9Y FMA / Adult FMA	26 / 22	20 to 30 / 17 to 28	31.21
Y-Axis-Vert/Hor.Growth	Sgn - FH	59.4	53 to 66	62.1
Maxilla to Cranium N_ _Reference at Pognion	N_ _A	1	-2 to +4	-6.04
Maxilla to Cranium	SNA	81	75 to 87	73.83
Mandible to Cranium: N_ _Reference at Pognion	N_ _Po	9yr-7mm/adult-1mm	-11 to -4 / +2 to +4	-13.56
Mandible to Cranium	SNB	80	77 to 83	72.2
Maxilla to Mandible	ANB	2	0 to 5	1.63
Wits	AB_ _Occlusal Plane	0	-1 to +2	0.55

Dental

Descriptor	Measurement	Mean	SD	Patient
Interincisal Angle	/1 to 1/	135	124 to 150	132.4
Lower incisor inclination	/1 to MP	92	84 to 99	84.71
Lower incisor Position	/1 to NB	4	0 to 8	4.47
Lower incisor Position	/1 to Apo	2	-1 to +6	2.7
Upper incisor inclination	1/to SN	103	92 to 114	97.8
Upper incisor Protrusion	1/to Apo	5	1 to 7	5.06
Upper incisor Protrusion	1/to A vertical to FH	4	1 to 7	1.85

Facial

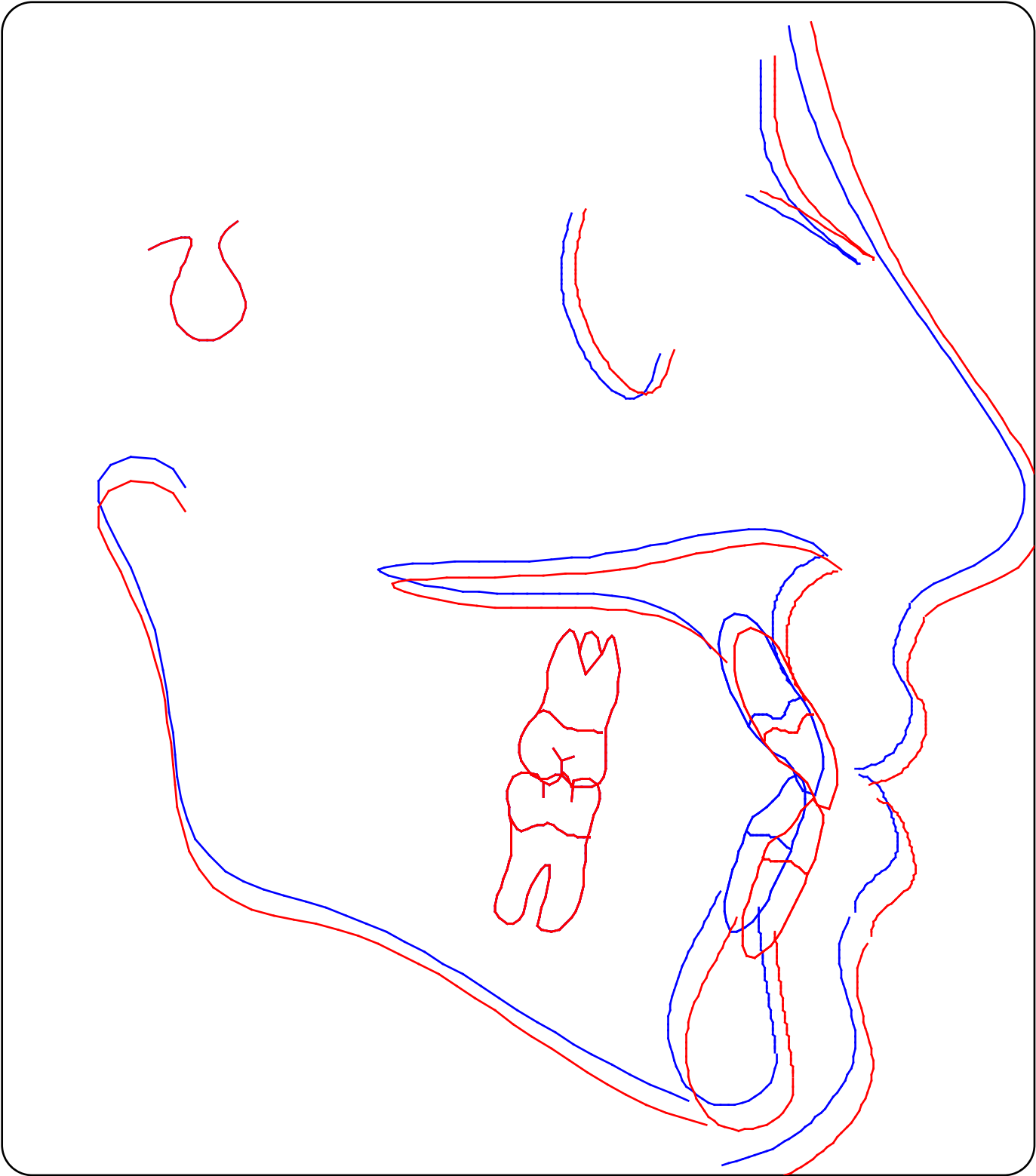
Descriptor	Measurement	SD	Patient
Naso Labial Angle	100	90-110	108.99
Soft Tissue Line - Upper Lip	-2	-4 to +1	-6.28
Soft Tissue Line - Lower Lip	-2	-4 to +1	-4.85

Projected Growth



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

DESCRIPTOR	PATIENT
Gender:	Female
Age:	12
Growth at N:	2
Growth at Gn:	4

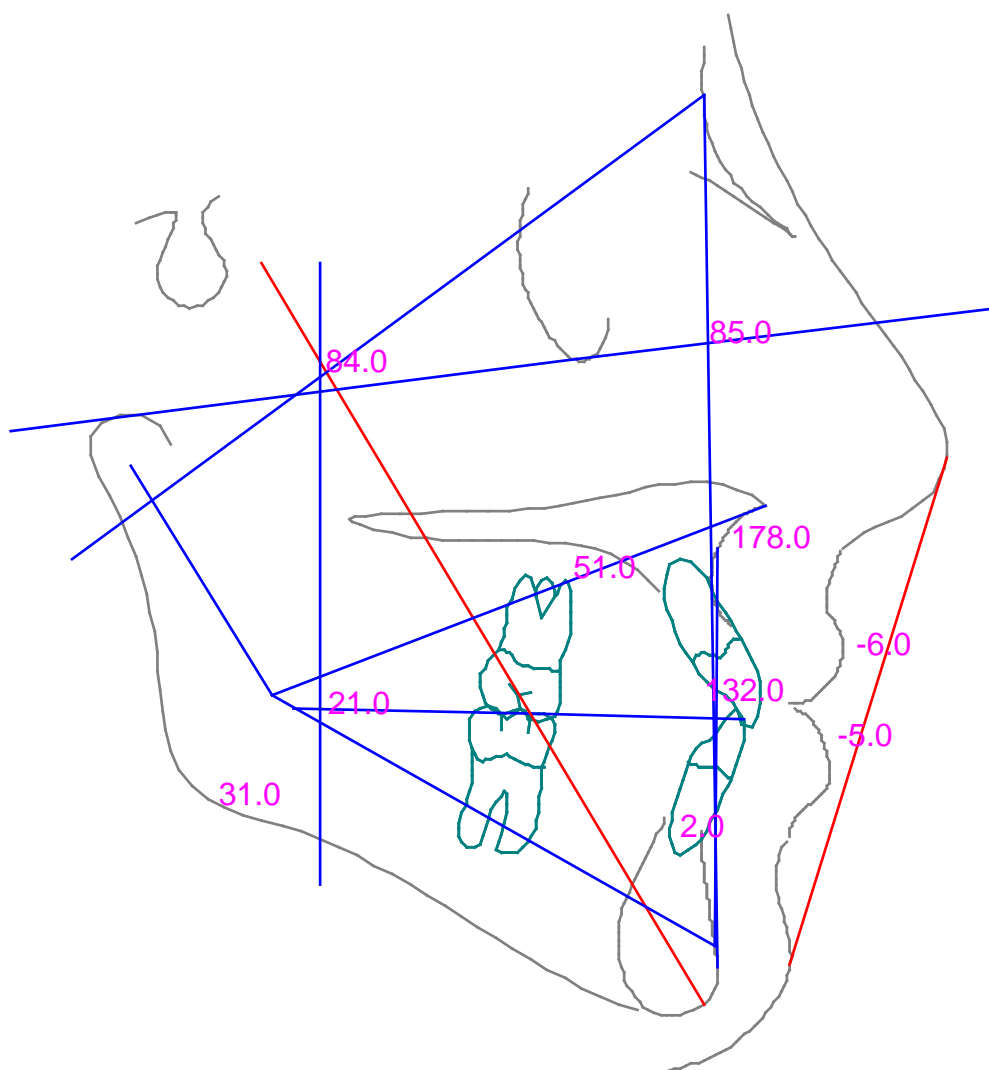


Ricketts Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
MAX. POSITION							
MAX DEPTH	FH to N-A	Deg	95.0	5.0	84.7	-(*)+	Maxilla distal to Base
MAX HEIGHT	N-PTV to A pt	Deg	54.0	5.0	60.2	-(*)+	Large Max height
SN TO PALATAL PLANE		Deg	3.0	5.0	15.7	-(*)+	
MAND. POSITION							
FACIAL DEPTH	FH to N-Pog	Deg	90.0	4.0	83.82	-(*)+	Retrognathic Mandible
FACIAL AXIS	Na-Ba to PTV-Gn pt	Deg	90.0	4.0	84.38	-(*)+	Downward growth
FACIAL TAPER	Na-Gn-Go	Deg	67.0	4.0	65.89	-(*)+	
MAND. PLANE	FH-GoGn	Deg	28.0	3.0	31.21	-(*)+	High Mandibular Plane
CORPUS LENGTH	Xi to Pm	mm	70.0	5.0	73.03	-(*)+	
MAND. ARC	DC-Xi to Xi-Pm	Deg	27.0	5.0	28.61	-(*)+	
MAX.TO MAND RELATIONSHIP							
A pt. CONVEXITY	A to N-Pog	mm	3.0	2.0	0.99	-(*)+	Class III Skeletal tendency
LOW.FACE.HEIGHT	ANS-Xi-Pog	Deg	47.0	5.0	50.59	-(*)+	
DENTURE RELATIONSHIP							
MAX.1 to APo		mm	6.0	3.0	5.06	-(*)+	
MAX.6 to PTV		mm	15.0		21.06	-(*)+	
MAND. 1 to APo		mm	1.0	2.0	2.7	-(*)+	
HINGE AXIS ANGLE	DC - Go - LI	Deg	90.0	3.0	93.23	-(*)+	Open bite tendency
MAX.1 to MAND.1		Deg	131.0	5.0	132.4	-(*)+	
OVERJET		mm	2.5	2.0	2.36	-(*)+	
OVERBITE		mm	2.5	2.0	2.7	-(*)+	
ESTHETICS							
UPPER LIP to E-LINE		mm	-4.0	2.0	-6.28	-(*)+	Upper lip retruded
LOWER LIP to E-LINE		mm	-2.0	2.0	-4.85	-(*)+	Lower lip retruded

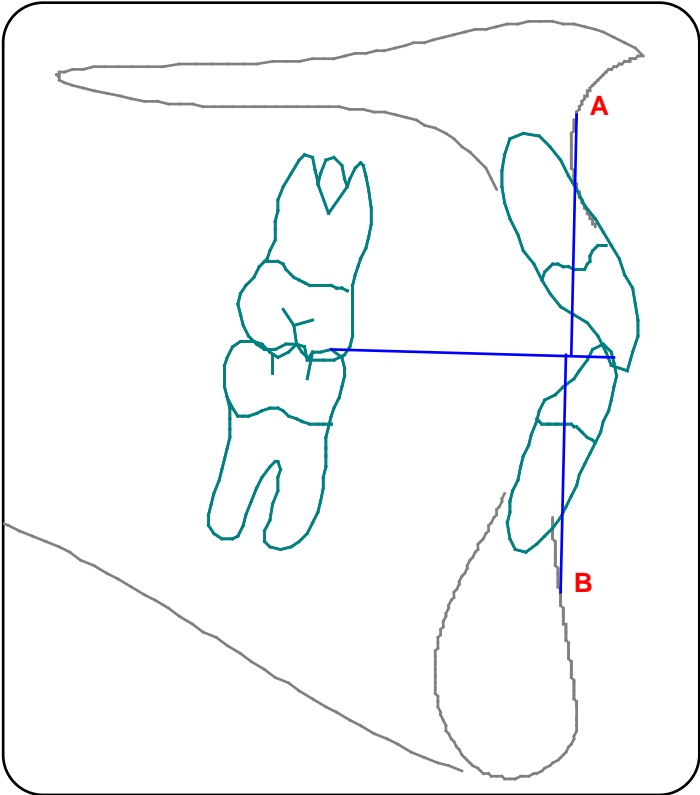
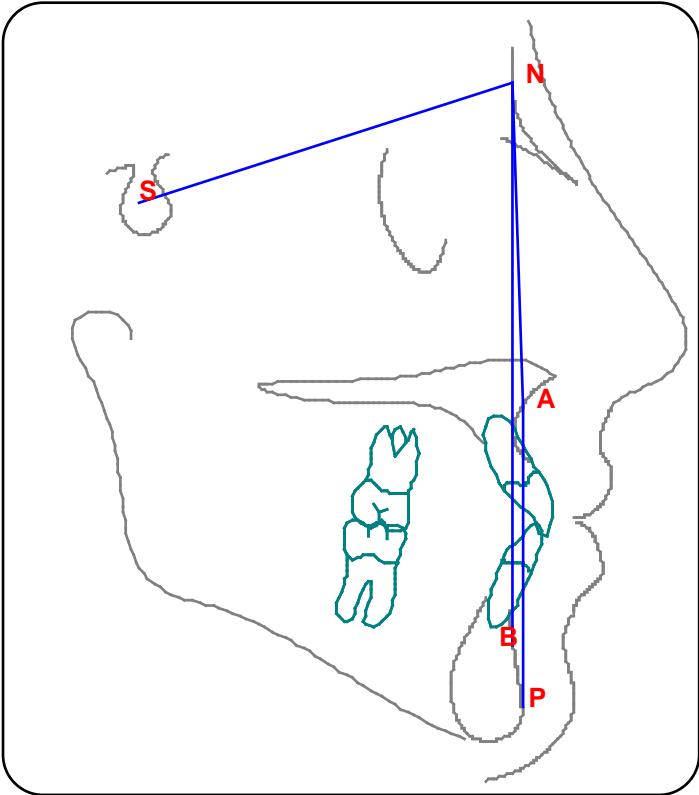


Skeletal Factors - Anterior/Posterior



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
SNA	Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB	Deg	80.0	2.0	72.2	-(*)+	Mandible retruded
ANB	Deg	2.0	2.0	1.63	-(*)+	
POGONION	mm			1.64	-()+	
ANGLE CONVEXITY (DOWNS)	Deg	180.0	5.0	178.17	-(*)+	
WITS	mm	0.0	1.0	0.55	-(*)+	

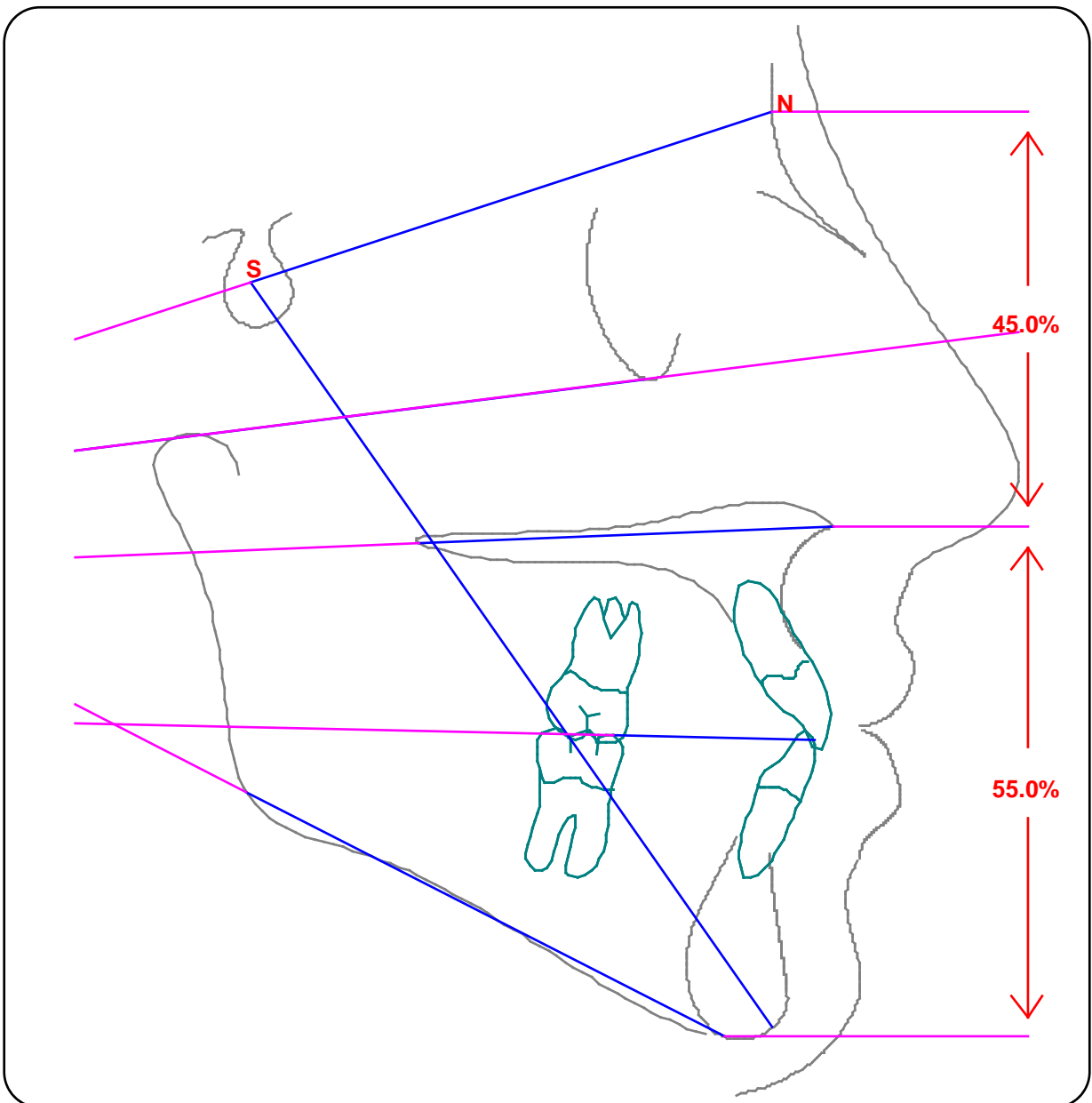


Skeletal Factors - Vertical



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
GOGN-SN	Deg	32.0	4.0	45.07	-(*)+	High angle case
OM ANGLE (SCHUDY)	Deg	20.0	5.0	25.72	-(*)+	Hypervergent
Y-AXIS(JARABAK)	Deg	67.0	3.0	72.97	-(*)+	Forward growth
Y-AXIS(DOWNS)	Deg	60.0	3.0	62.1	-(*)+	
JARABAK HEIGHT S-GO/N-ME	%	64.0	2.0	55.15	-(*)+	Large Anterior growth
PL-MAND PLANE	Deg	25.0	3.0	29.37	-(*)+	
ANT FACIAL HT(N-ANS-ME)	%	45	3.0	45.0	-(*)+	

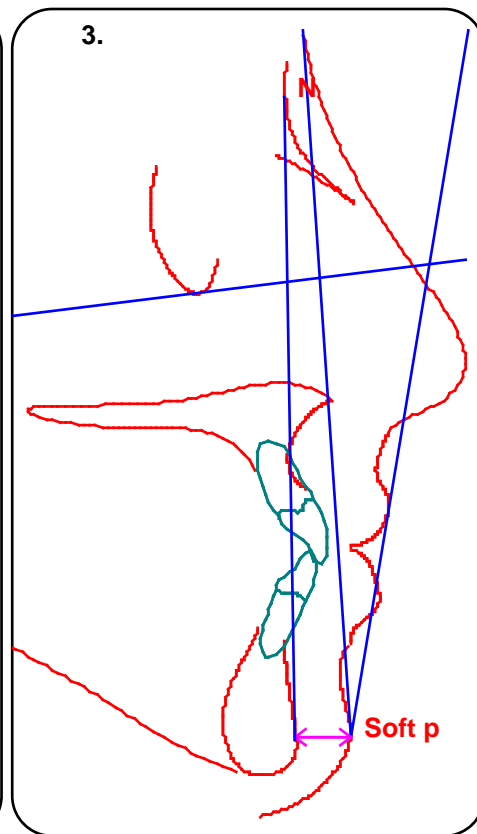
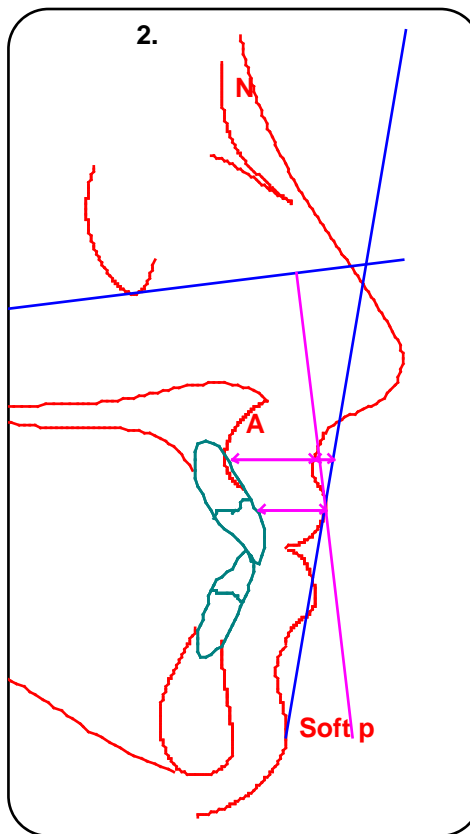
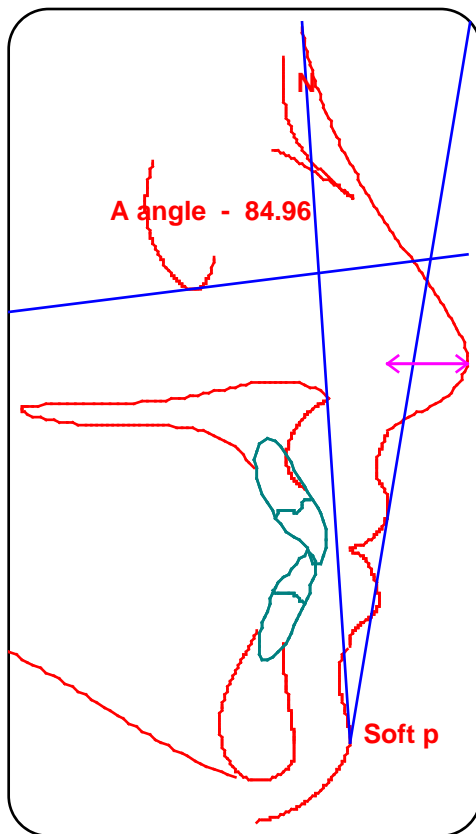


Soft Tissue Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
A ANGLE	Deg	90.0	4.0	84.96	-(*)+	Retrognathic Mandible
NOSE	mm	18.0	2.0	15.0	-(*)+	
U/LIP : VERT	mm	3.0	3.0	0.77	-(*)+	
U/LIP : EMBR	mm	5.0	2.0	3.69	-(*)+	
U/LIP A WIDTH	mm	13.0	2.0	15.87	-(*)+	
U/LIP VERMILLION / WIDTH	mm	12.0	2.0	13.33	-(*)+	
U/LIP TAPER / STRAIN	mm	2.0	1.0	2.54	-(*)+	
A/PT CNVXTY	mm	13.0	2.0	0.99	-(*)+	
H ANGLE	mm	VARIES		11.62	-()+	
L/LIP PROTRUSION	mm	1.0	1.0	0.42	-(*)+	
L/LIP EMBR	mm	5.0	2.0	3.06	-(*)+	
SOFT POG	mm	10.0	5.0	10.46	-(*)+	



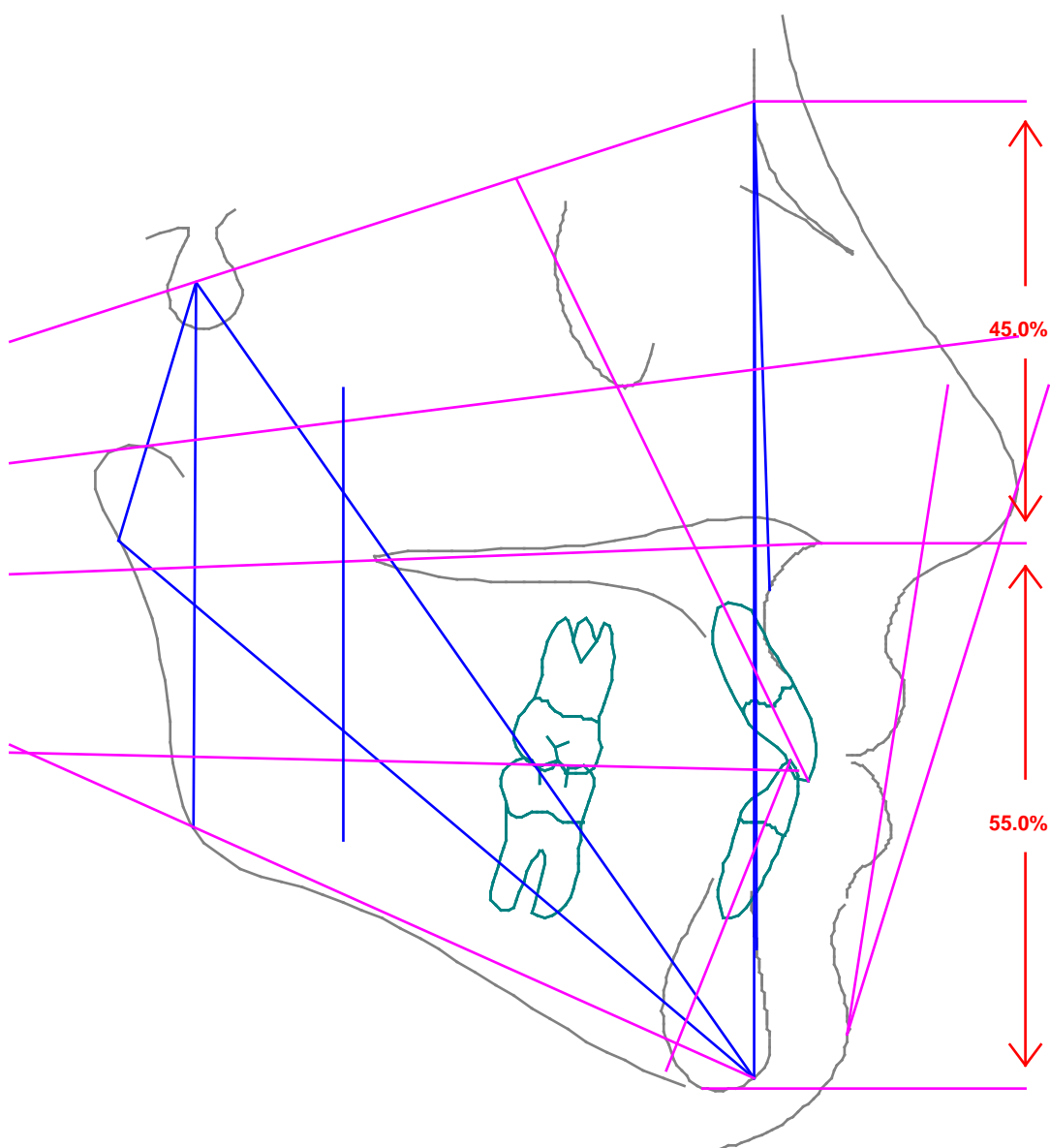
SLU Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

DESCRIPTOR	NORM	PATIENT
I --- ANTERIOR POSTERIOR		
MAXILLARY POSITION		
SNA (Deg)	81	73.83
MAXILLARY SIZE		
PNS-A (Deg)	47-53	52.46
MAXILLARY DENTITION		
PTV-S (Deg)	15	21.06
UI-SN (Deg)	104	97.8
UI-NA (Deg)	23	23.96
UI-NA (mm)	4	4.24
MANDIBULAR POSITION		
SNB (Deg)	78	72.2
NS-GN (Deg)	67	72.97
S-Ar (mm)	31-38	35.88
MANDIBULAR SIZE		
AR-GN (mm)	102-120	110.77
POG-NS (mm)	1-2	1.64
MANDIBULAR DENTITION		
IMPA (Ang)	94	84.71
LI-APOG (mm)	2	2.7
LI-NB (Ang)	26	21.99
LI-NB (mm)	4.5	4.47
FMIA (Ang)	56	61.07

DESCRIPTOR	NORM	PATIENT
DENTITION		
LI/UI (Deg)	130	132.4
MAXILLA to MANDIBLE		
ANB (Ang)	3	1.63
WITS (mm)	0	0.55
II --- VERTICAL		
ANGULAR		
SN-PAL.PLANE (Deg)	7	15.7
SN-Occ. Plane (Deg)	16	19.34
FMA (Deg)	29	31.21
LINEAR		
N-ME (mm)	109-130	133.77
N-ANS (mm)	50-57	59.54
ANS-ME (mm)	63-71	74.23
S-GO (mm)	67-84	72.62
III --- PROFILE		
Z-ANGLE (Ang)	83	106.65
E-PLANE (mm)	-2	-4.85



Steiner Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
SNA	Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB	Deg	80.0	2.0	72.2	-(*)+	Mandible retruded
ANB	Deg	2.0	2.0	1.63	-(*)+	
I/ to NA	Deg	22.0	4.0	23.96	-(*)+	
I/ to NA	mm	4.0	2.0	4.24	-(*)+	
/I to NB	Deg	25.0	4.0	21.99	-(*)+	
/I to NB	mm	4.0	2.0	4.47	-(*)+	
I/ to /I	Deg	131.0	3.0	132.4	-(*)+	
Occ to SN	Deg	14.0	3.0	19.34	-(*)+	Open Occ plane
GOGN-SN	Deg	32.0	4.0	45.07	-(*)+	High angle case
POG to NB	mm	1.0		1.64	-()+	

MODEL DISCREPANCY:0

CURVE OF SPEE:2

CEPH DISCREPANCY (*2):2.0

TOTAL DISCREPANCY:4.0

Patient

2
24/4

22/4
2

Projected

1
5

4

3.0

2.0
2.0

Combined

1
4

3
2.0

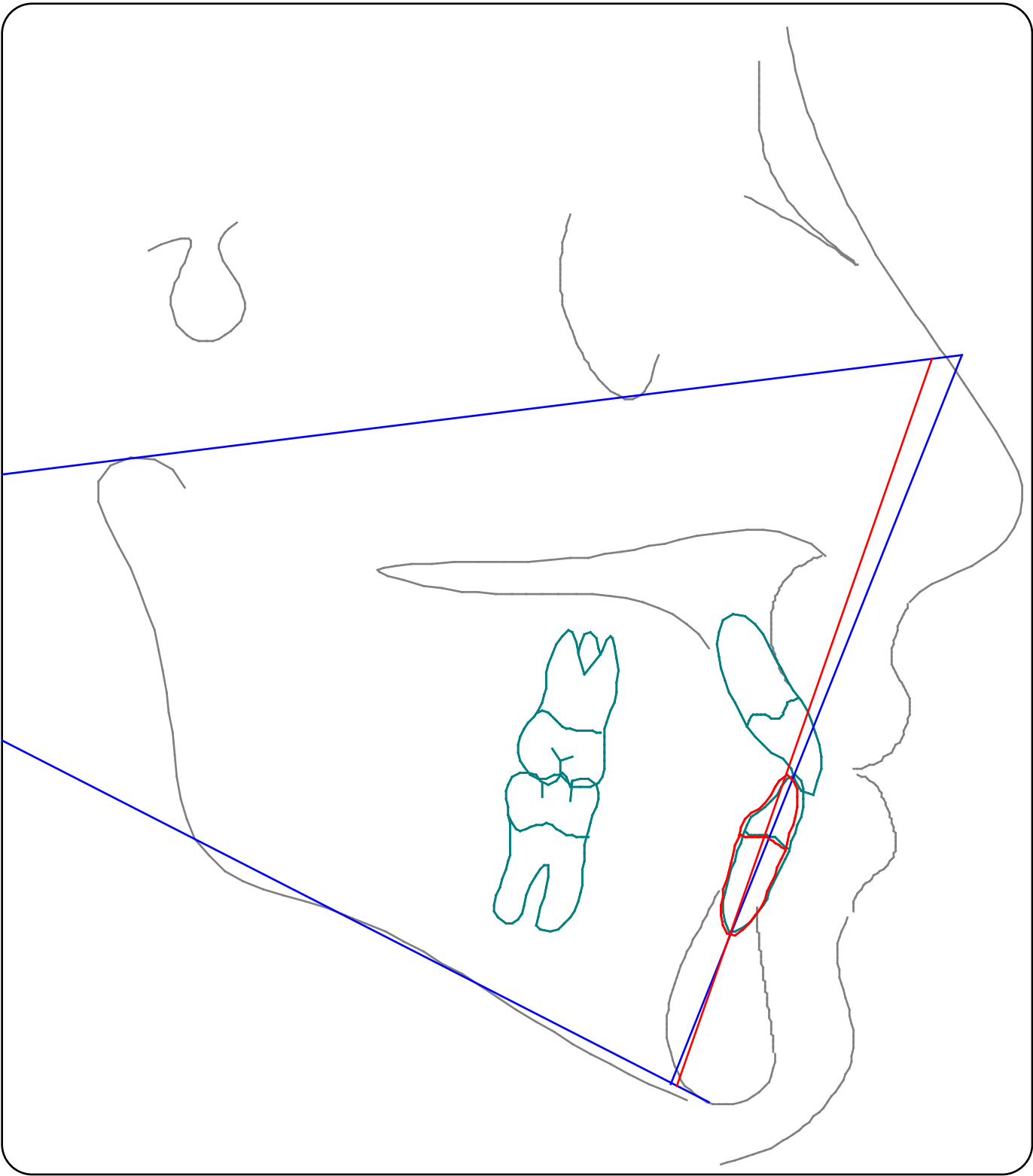
Tweed Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
FMA	Deg	28.0	3.0	31.21	-(*)+	High Mandibular Plane
FMIA	Deg	62.0	3.0	61.07	-(*)+	
IMPA	Deg	90.0	5.0	84.71	-(*)+	Lower incisor too upright

To approximate to FMIA of 65 Deg - ceph disc of LI *2 is : 2

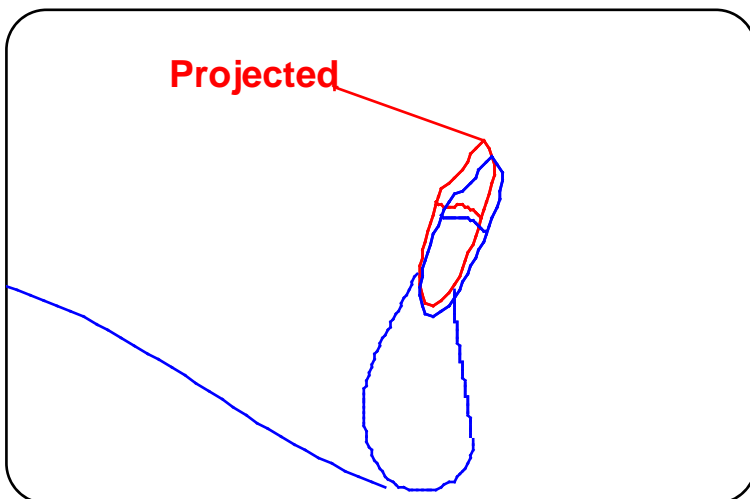
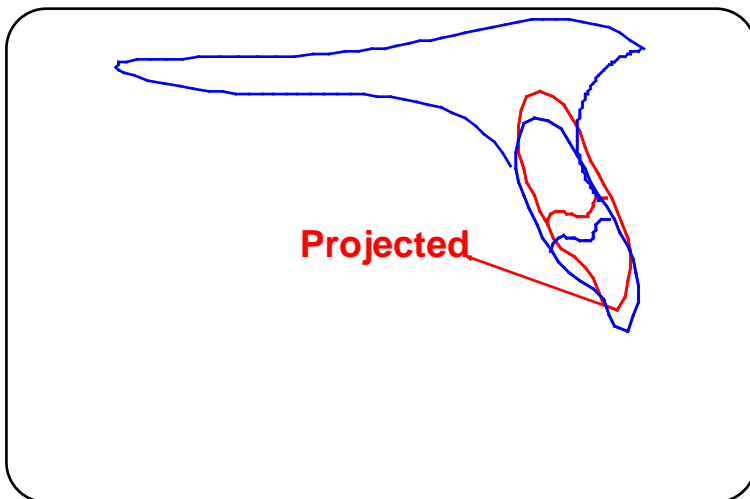
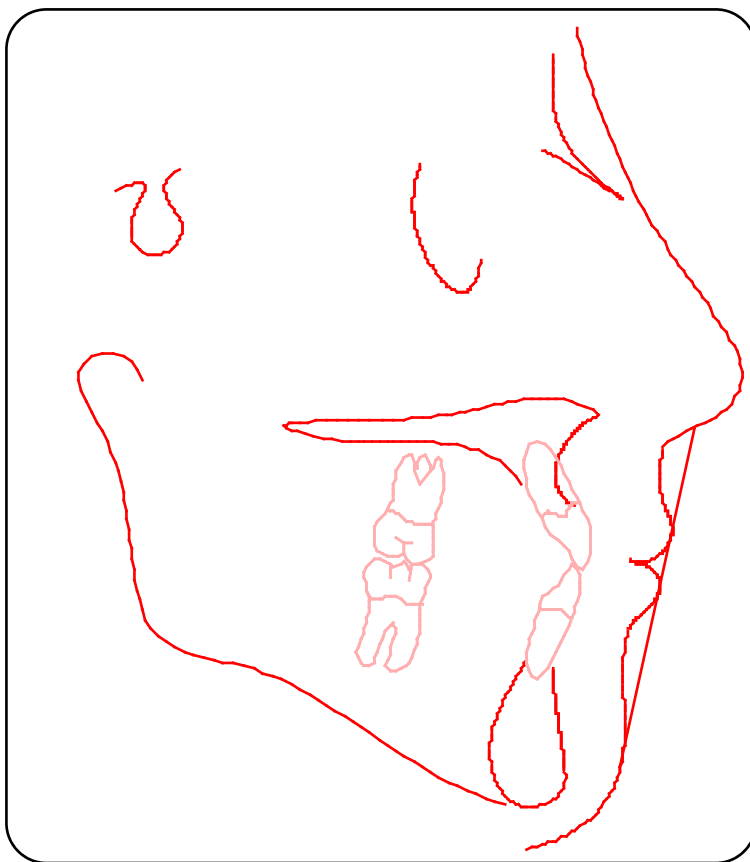


V.T.O ANALYSIS



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

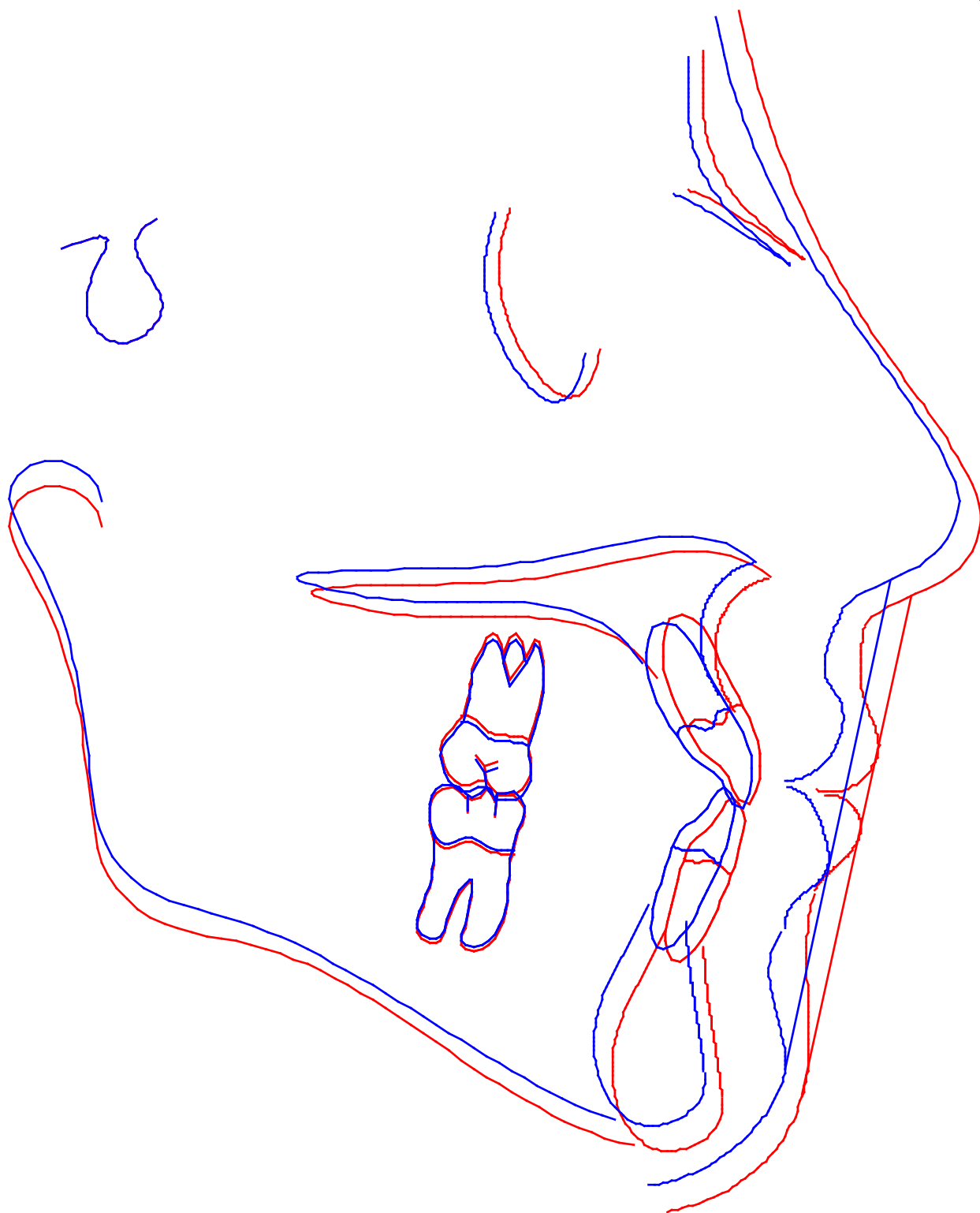
CEPH DISC(*2) 4 MM



V.T.O ANALYSIS OVERLAY



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

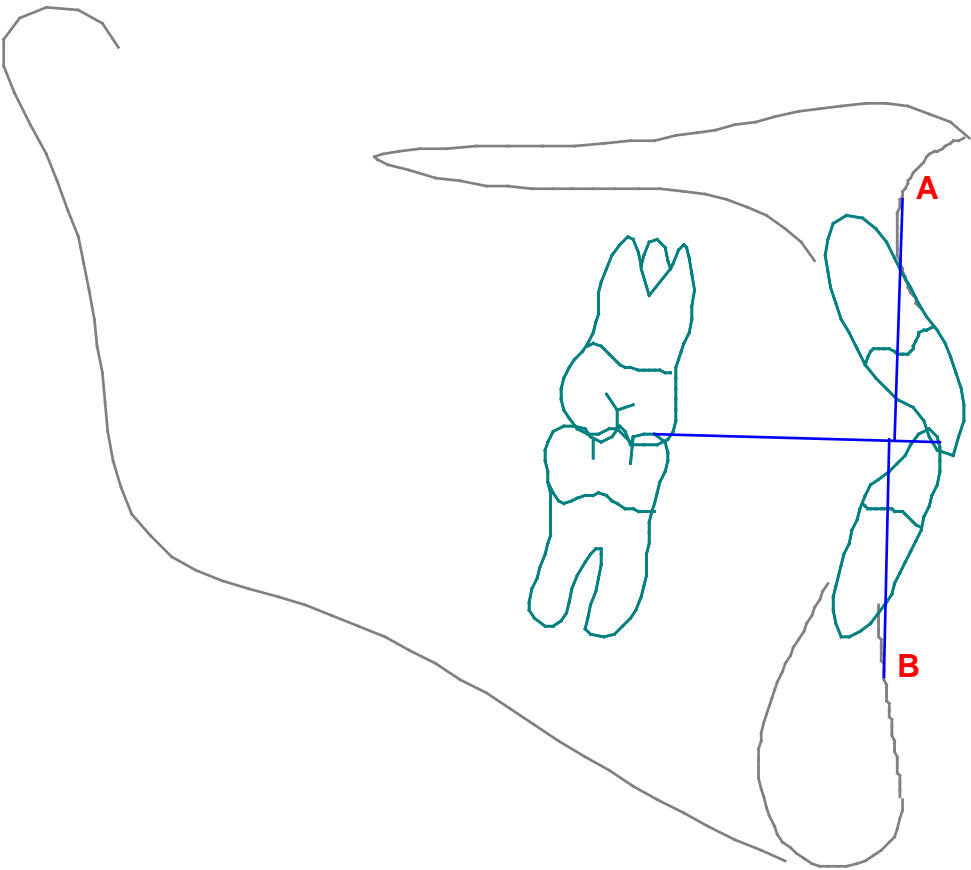


Wits Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
WITS	mm	0.0	1.0	0.55	-(*)+	



1 : 1 Trace



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

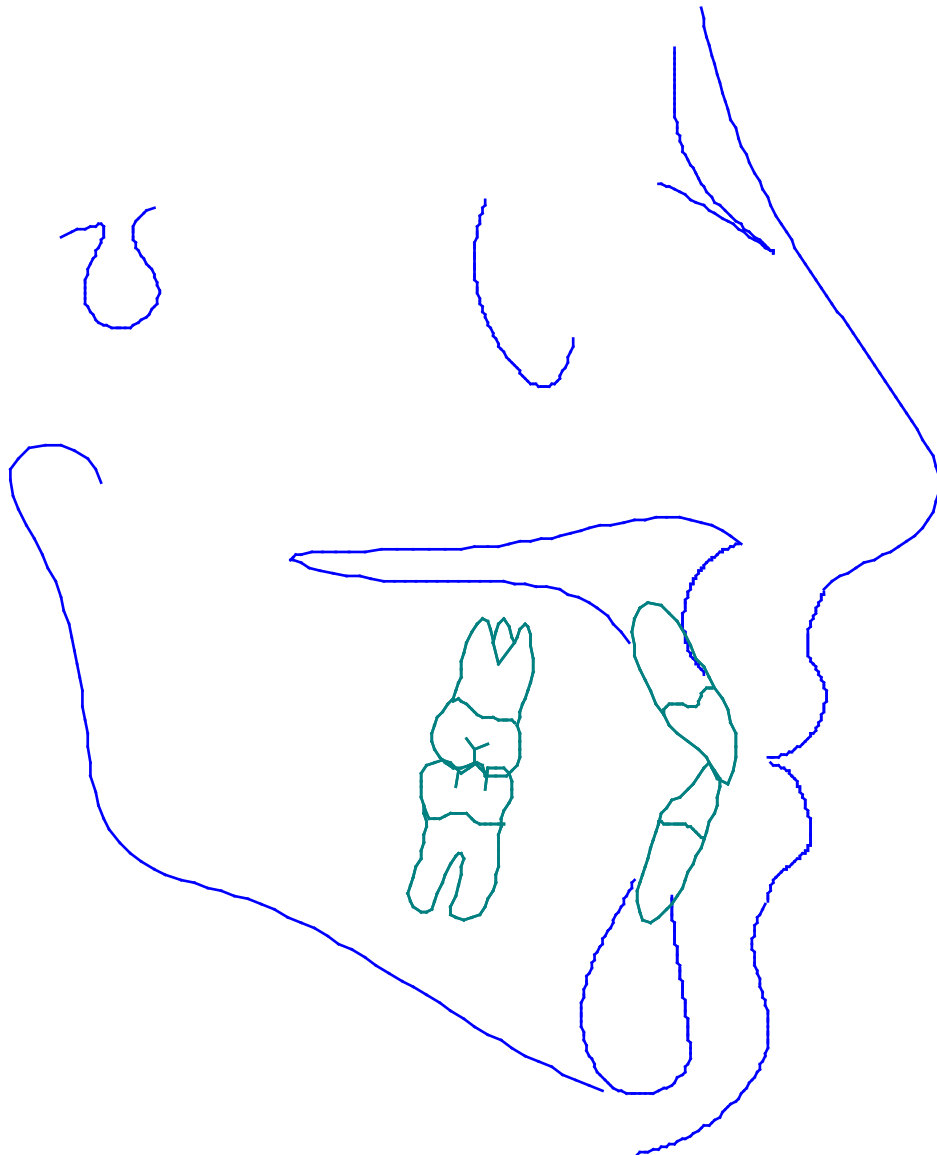
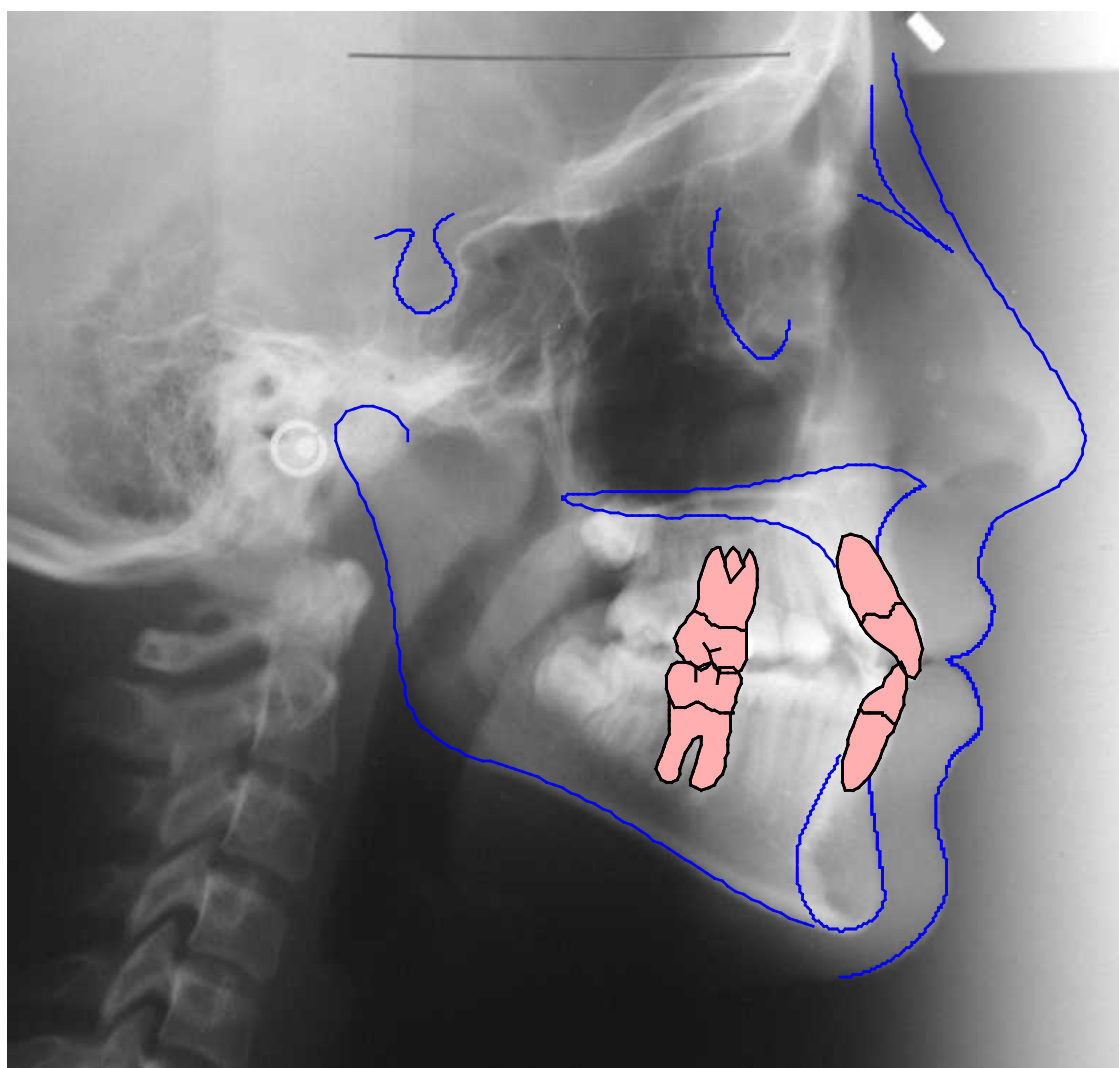


Image Overlay



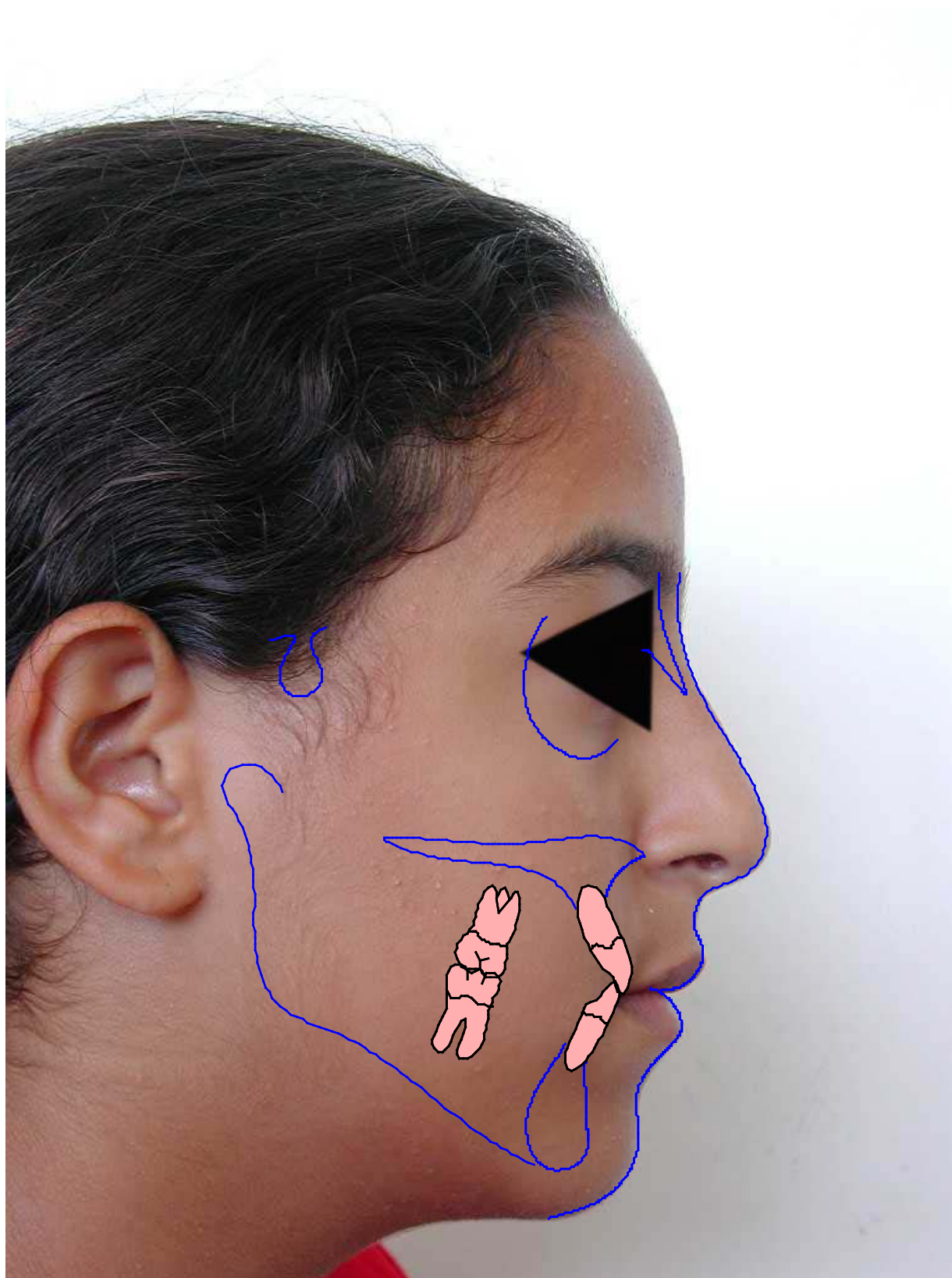
Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002



Profile Overlay



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002



Busrstone Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

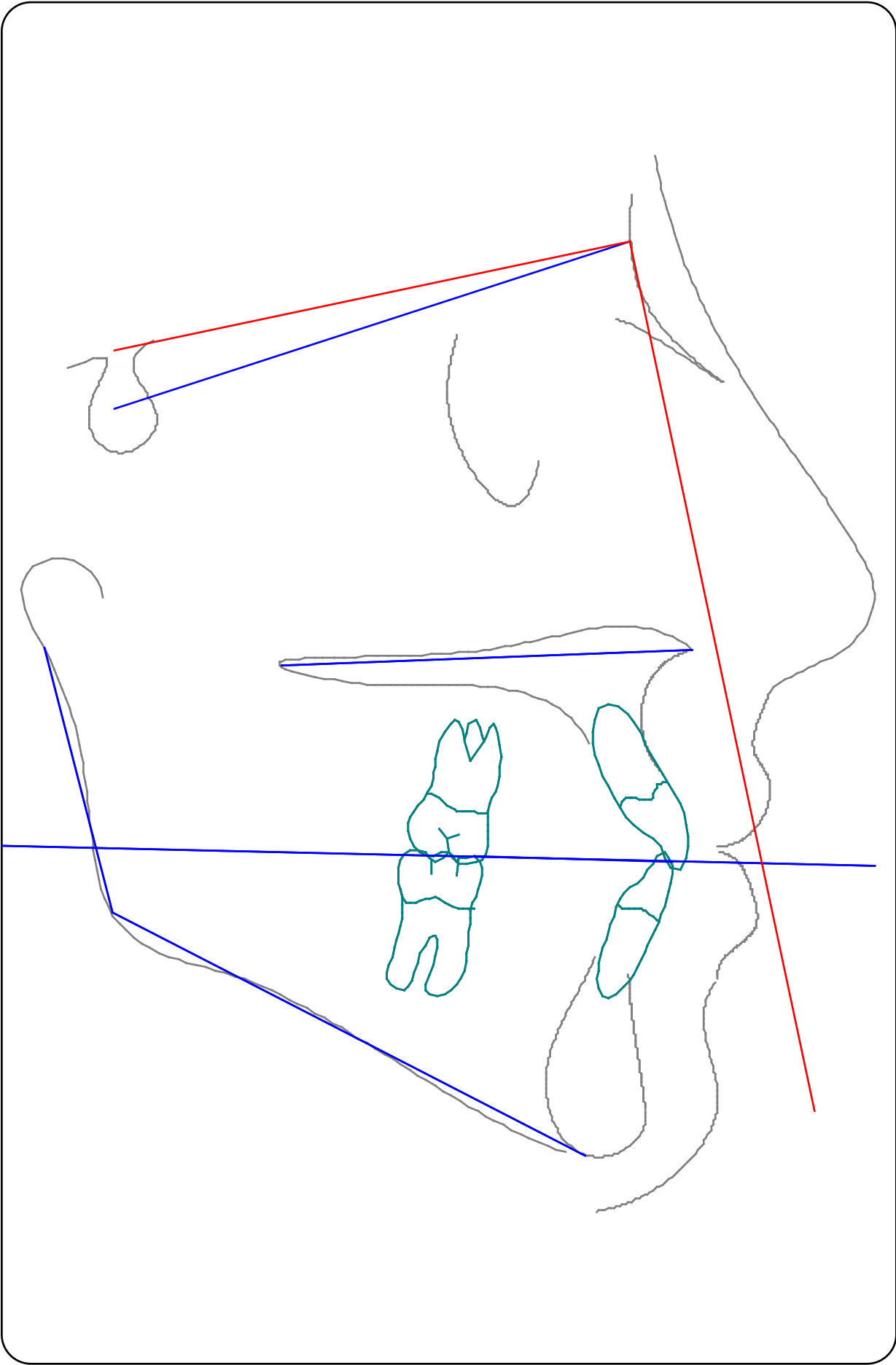
Descriptor	Type	Mean	Sd	Patient	Graph
CRANIAL BASE					
Ar - PTM	mm	37.1	2.8	30.45	-(*)+
PTM - N	mm	53.8	4.1	55.85	-(*)+
HORIZONTAL (skeletal)					
N - A - Pg angle	Deg	3.9	6.4	178.17	-(*)+
N - A	mm	0.0	3.7	2.11	-(*)+
N - B	mm	-5.3	6.0	0.39	-(*)+
N - Pg	mm	-4.3	8.5	2.11	-(*)+
VERTICAL					
N - ANS	mm	54.7	3.2	60.18	-(*)+
ANS - Gn	mm	68.8	3.8	74.19	-(*)+
PNS - N	mm	53.9	1.7	62.6	-(*)+
MP - HP angle	Deg	23.0	5.9	34.21	-(*)+
Upper incisor - NF	mm	30.5	2.1	31.67	-(*)+
Lower incisor - MP	mm	45.0	2.1	49.43	-(*)+
Upper molar - NF	mm	26.2	2.0	29.43	-(*)+
Lower Molar - MP	mm	35.8	2.6	34.77	-(*)+
MAXILLA MANDIBLE					
PNS - ANS	mm	57.7	2.5	60.38	-(*)+
Ar - Go	mm	52.0	4.2	39.45	-(*)+
Go - Pg	mm	83.7	4.6	81.8	-(*)+
B - Pg	mm	8.9	1.7	7.03	-(*)+
Ar - Go - Gn angle	mm	119.1	6.5	128.46	-(*)+
DENTAL					
OP upper - HP angle	Deg	6.2	5.1	13.26	-(*)+
A - B (OP)	mm	-1.1	2.0	0.55	-(*)+
Upper incisor - NF angle	Deg	111.0	4.7	113.5	-(*)+
Lower incisor - MP angle	Deg	95.9	5.2	84.71	-(*)+

Busrstone Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph
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Clark Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

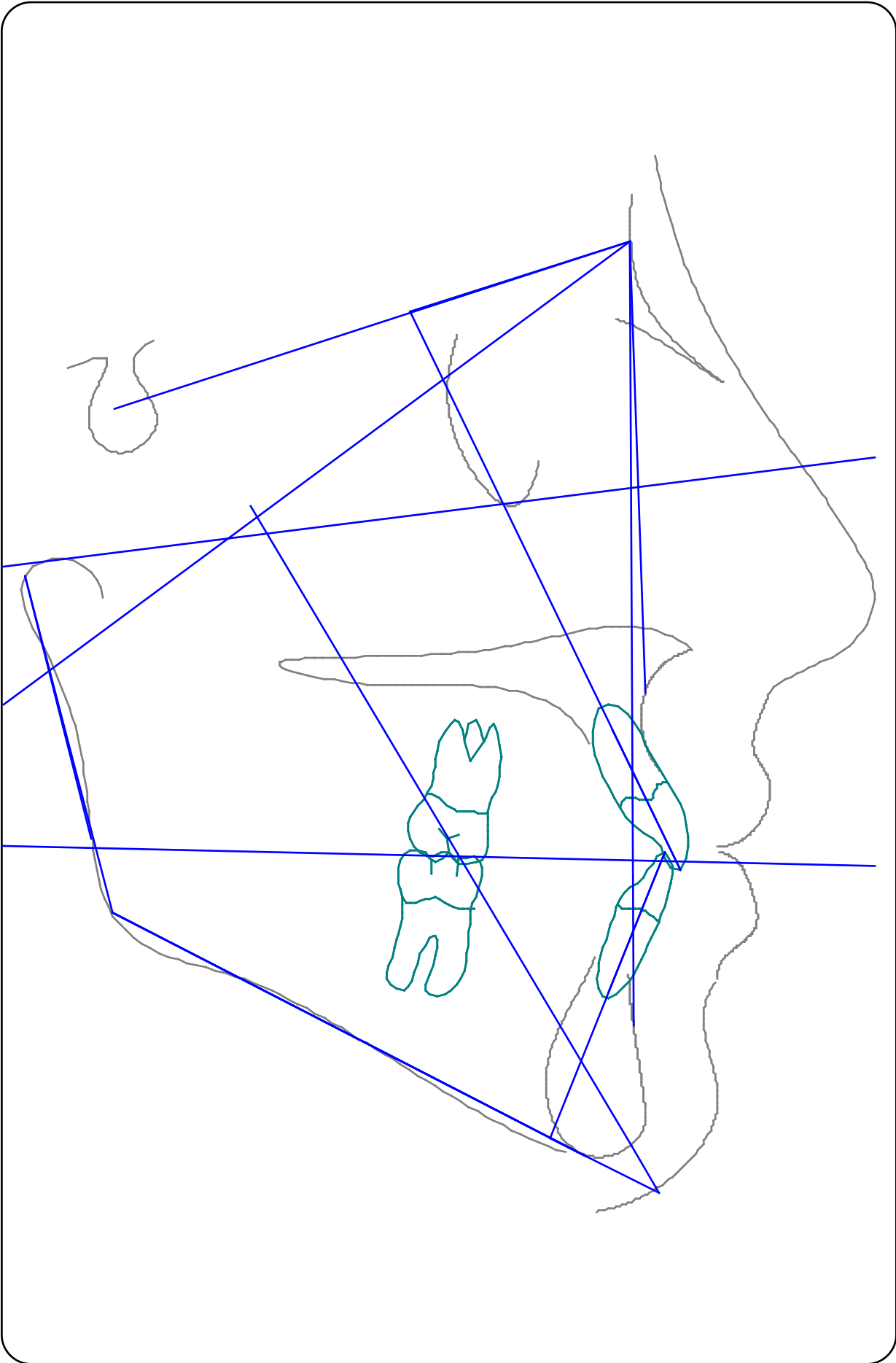
Descriptor	Type	Mean	Sd	Patient	Graph	Comment
MAND. ARC	Deg	23.8	5.0	28.61	-(*)+	
Cranial Base Angle	Deg	27.3	3.0	29.26	-(*)+	
FACIAL AXIS	Deg	27.0	4.0	30.77	-(*)+	
FMA	Deg	28.0	3.0	31.21	-(*)+	High Mandibular Plane
Cranio - Mandibular Angle	Deg	51.0	2.0	63.47	-(*)+	
Condyle Axis Angle	Deg	27.0	1.0	31.73	-(*)+	
Upper Incisor Angle	Deg	22.0	2.0	25.79	-(*)+	
Lower Incisor Angle	Deg	25.0	2.5	21.8	-(*)+	
Maxillary Plane Angle	Deg	1.0	0.0	4.83	-(*)+	
Nasal Angle	Deg	0.0	0.0	1.51	-(*)+	
OCCLUSAL PLANE -FH	Deg	8.0	2.0	8.48	-(*)+	
Convexity	mm	3.2	0.2	1.0	-(*)+	
B1 to A-Po Plane	mm	0.5	0.5	1.69	-(*)+	
Molar pos. to PTV	mm	15.0	4.0	21.06	-(*)+	
LOWER LIP to E-Plane	mm	-2.0	2.0	-4.85	-(*)+	Lower lip retruded
FACIAL AXIS	Deg	90.0	1.8	84.38	-(*)+	Downward growth
RAMUS HEIGHT	mm	44.0	5.0	39.45	-(*)+	
Mandibular Arc	Deg	23.8	5.0	28.61	-(*)+	
Facial Width	mm	125.0	24.0	90.44	-(*)+	
LOW.FACE.HEIGHT	Deg	47.0	5.0	50.59	-(*)+	
Molar Relation	mm	-3.0	1.5	1.01	-(*)+	
OVERJET	mm	2.5	2.0	2.36	-(*)+	
OVERBITE	mm	2.5	2.0	2.7	-(*)+	
SNA	Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB	Deg	80.0	2.0	72.2	-(*)+	Mandible retruded
ANB	Deg	2.0	2.0	1.63	-(*)+	
UI to SN	Deg	103.0	4.0	97.8	-(*)+	Upper incisor too upright
LI to MAND	Deg	90.0	3.7	84.71	-(*)+	Lower Incisor too upright
Interincisal Angle	Deg	131.0	13.0	132.4	-(*)+	
LI-APOG	mm	1.0	2.0	2.7	-(*)+	
WITS	mm	0.0	1.0	0.55	-(*)+	

Clark Cont. Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph	Comment
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COGS Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

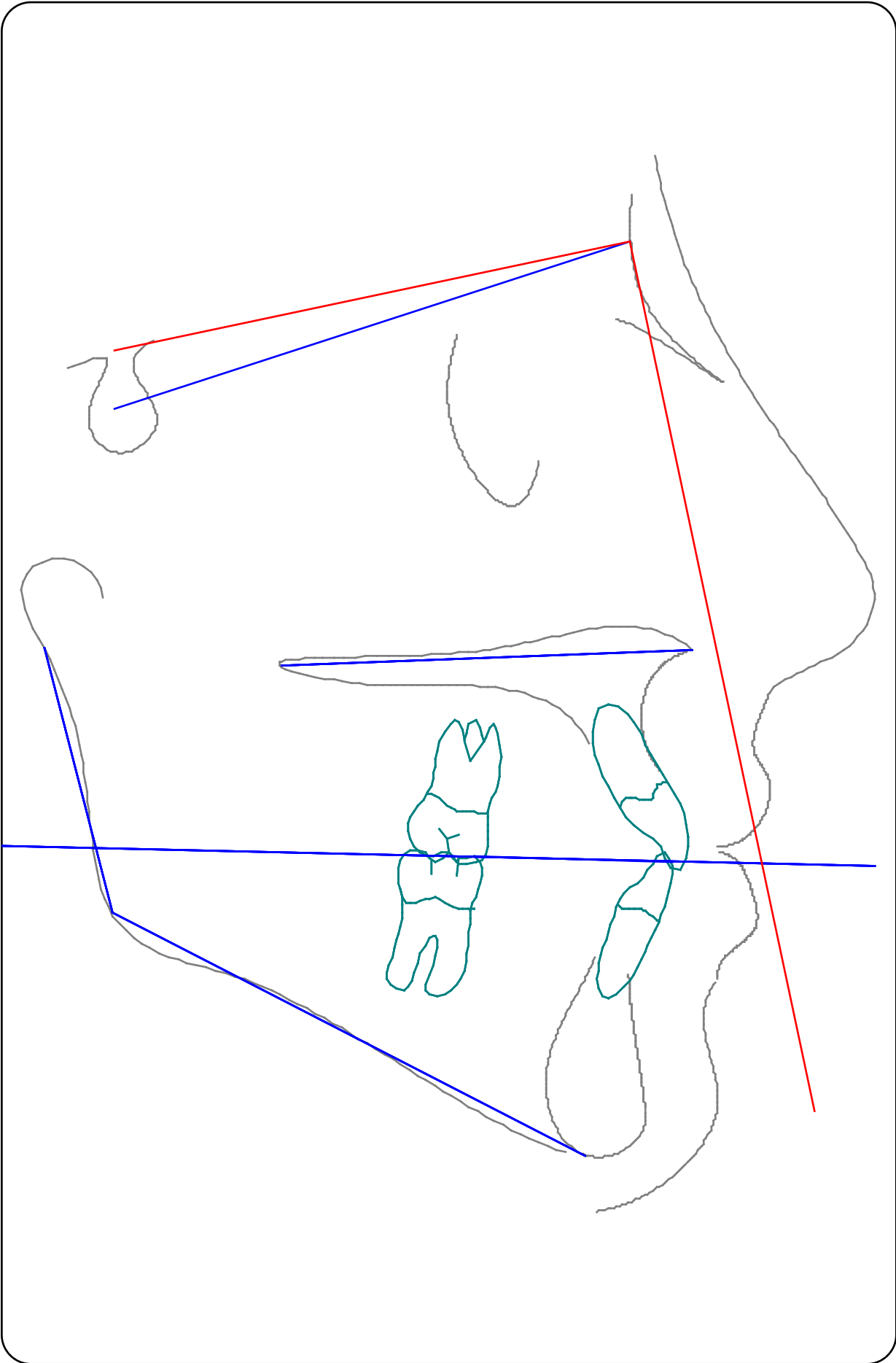
Descriptor	Type	Mean	Sd	Patient	Graph
CRANIAL BASE					
Ar - PTM	mm	37.1	2.8	30.45	-(*)+
PTM - N	mm	53.8	4.1	55.85	-(*)+
HORIZONTAL (skeletal)					
N - A - Pg angle	Deg	3.9	6.4	178.17	-(*)+
N - A	mm	0.0	3.7	2.11	-(*)+
N - B	mm	-5.3	6.0	0.39	-(*)+
N - Pg	mm	-4.3	8.5	2.11	-(*)+
VERTICAL					
N - ANS	mm	54.7	3.2	60.18	-(*)+
ANS - Gn	mm	68.8	3.8	74.19	-(*)+
PNS - N	mm	53.9	1.7	62.6	-(*)+
MP - HP angle	Deg	23.0	5.9	34.21	-(*)+
Upper incisor - NF	mm	30.5	2.1	31.67	-(*)+
Lower incisor - MP	mm	45.0	2.1	49.43	-(*)+
Upper molar - NF	mm	26.2	2.0	29.43	-(*)+
Lower Molar - MP	mm	35.8	2.6	34.77	-(*)+
MAXILLA MANDIBLE					
PNS - ANS	mm	57.7	2.5	60.38	-(*)+
Ar - Go	mm	52.0	4.2	39.45	-(*)+
Go - Pg	mm	83.7	4.6	81.8	-(*)+
B - Pg	mm	8.9	1.7	7.03	-(*)+
Ar - Go - Gn angle	mm	119.1	6.5	128.46	-(*)+
DENTAL					
OP upper - HP angle	Deg	6.2	5.1	13.26	-(*)+
A - B (OP)	mm	-1.1	2.0	0.55	-(*)+
Upper incisor - NF angle	Deg	111.0	4.7	113.5	-(*)+
Lower incisor - MP angle	Deg	95.9	5.2	84.71	-(*)+

COGS Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Mean	Sd	Patient	Graph
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DiPaulo Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Type	Patient	Comment
Maxillary Base	mm	52.0	
Mandibular Base	mm	55.0	
Average of divergence	mm	57.0	
Ant. Lower face Height	mm	44.0	
Post. Lower Face Height	mm	69.0	
Upper Ant. Face Height	mm	59.0	

Upper Face : Whole Face Ratio	%	57.0	
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MAX / MAND EXCESS DEFICIENCY

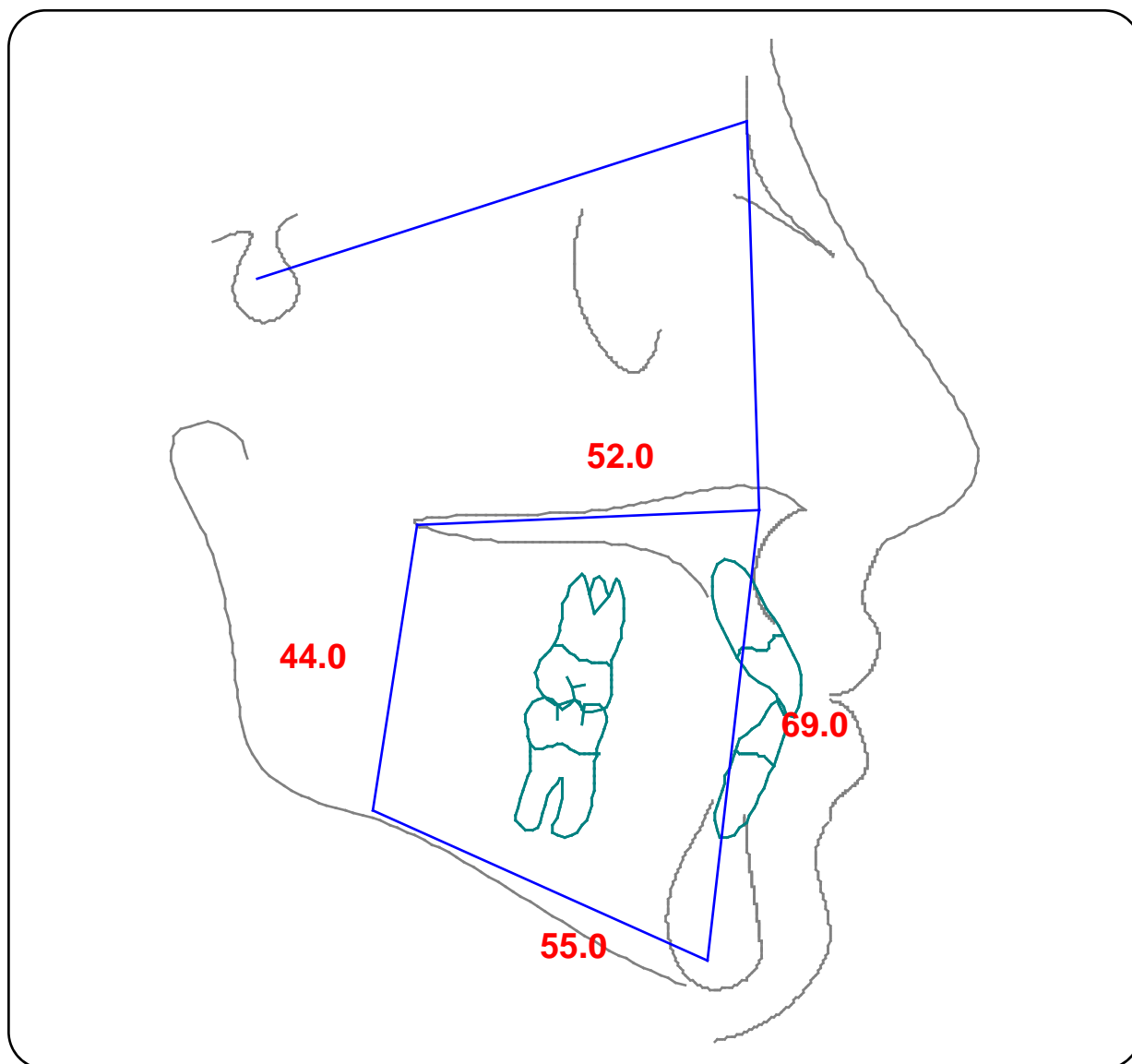
Max (Norm: 49 - 51)	mm	-1.0	
Mand (Norm: 49 - 51)	mm	2.0	

DIVERGENCE PATTERN

MESIO DISTAL SKELETAL RELATION : Maxilla, Mandible, Vertical Dimensions in Good Balance

DIVERGENCE PATTERN NORMOVERGENT

VERTICAL DISCREPANCY: 0MM

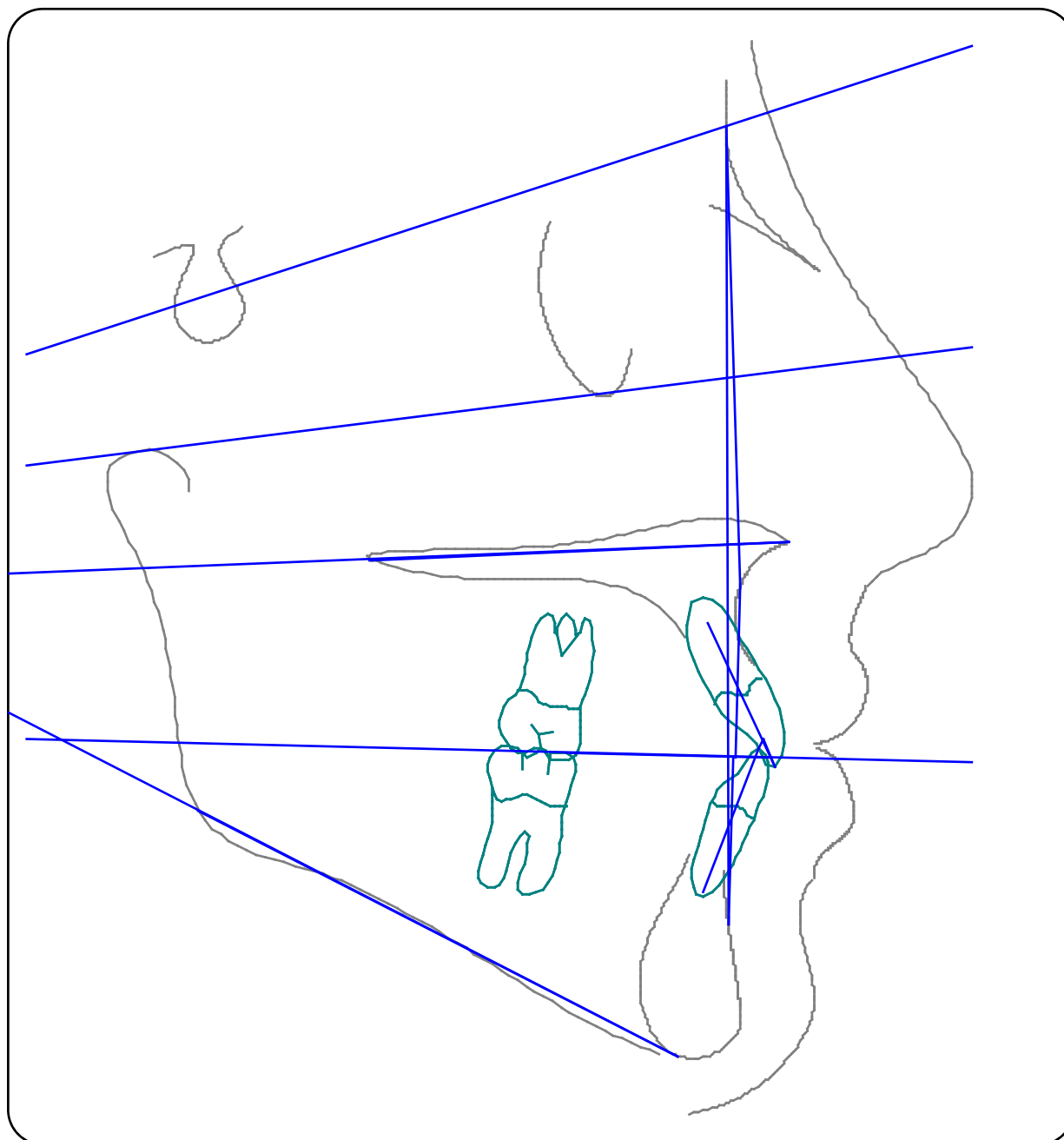


Eastman Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
SNA		Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB		Deg	80.0	2.0	72.2	-(*)+	Mandible retruded
ANB		Deg	2.0	2.0	1.63	-(*)+	
WITS		mm	0.0	1.0	0.55	-(*)+	
UI-PAL.PLANE		Deg	110.0	5.0	113.5	-(*)+	
LI to MAND		Deg	90.0	3.7	84.71	-(*)+	Lower Incisor too upright
Interincisal Angle	/1 to 1/	Deg	131.0	13.0	132.4	-(*)+	
PL-MAND PLANE		Deg	25.0	3.0	29.37	-(*)+	
UPPER FACE HEIGHT	N-ANS	%	45	3.0	45.0	-(*)+	
LOWER FACE HEIGHT	ANS-Gn	%	55.0	3.0	55.49	-(*)+	
RATIO		%	55.0	3.0	55.49	-(*)+	
LI-APOG		mm	1.0	2.0	2.7	-(*)+	
LOWER LIP to E-LINE		mm	-2.0	2.0	-4.85	-(*)+	Lower lip retruded
Y AXIS	FH to S-Gn	Deg	59.4	3.8	62.1	-(*)+	

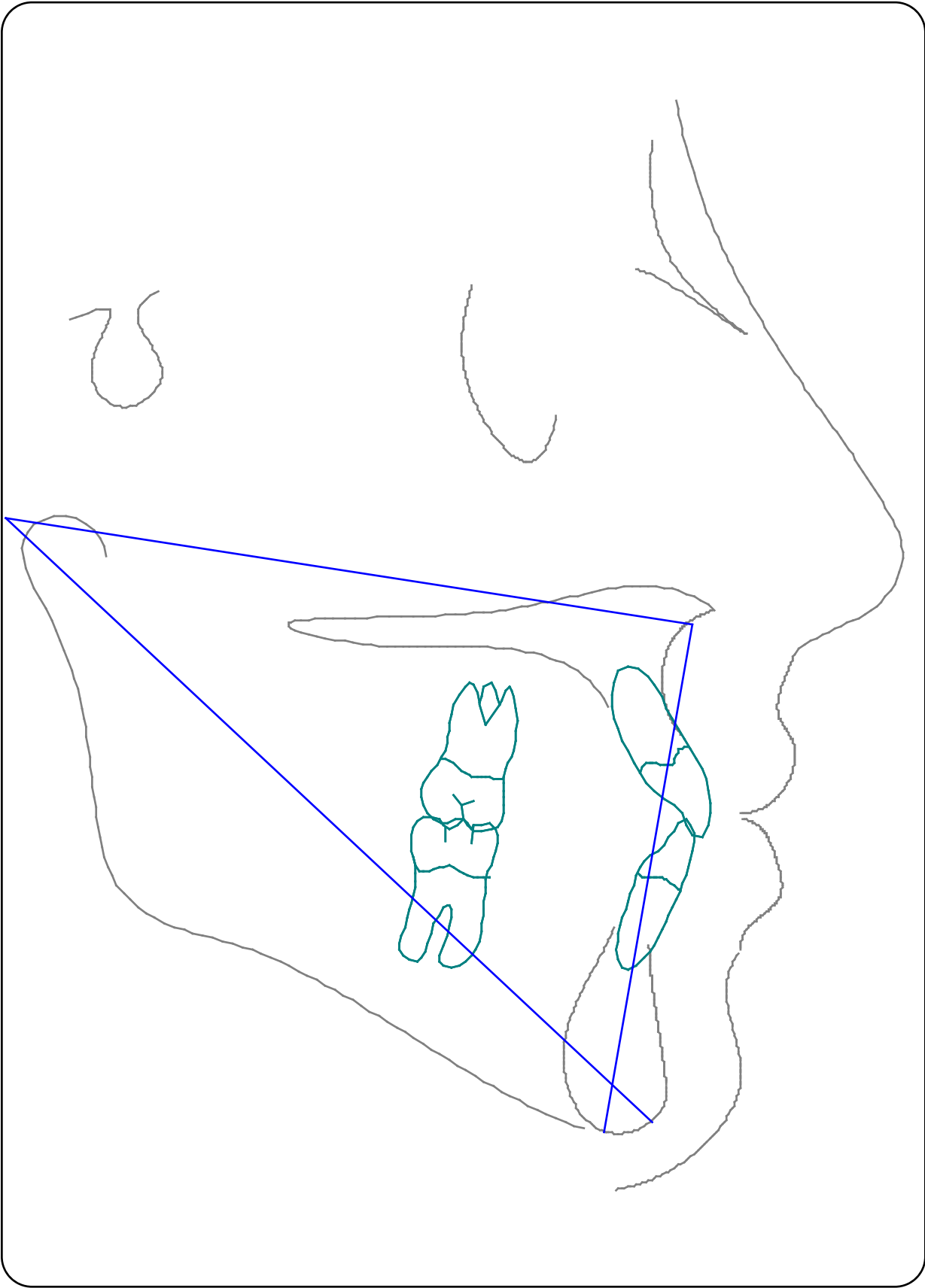


Harvold Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
Maxillary Length	TMJ to A pt	mm	85.0	4.8	84.9	-(*)+	
Predicted Mandibular Length	TMJ to Gn	mm	114.0	4.3	112.5	-(*)+	
MAND - MAX DIFF		mm	22.0	3.1	27.6	-(*)+	Gender/Age related
LOW.ANT.FACE.HEIGHT	ANS to Me	mm	60.0	3.8	74.23	-(*)+	



Heb Uni. Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

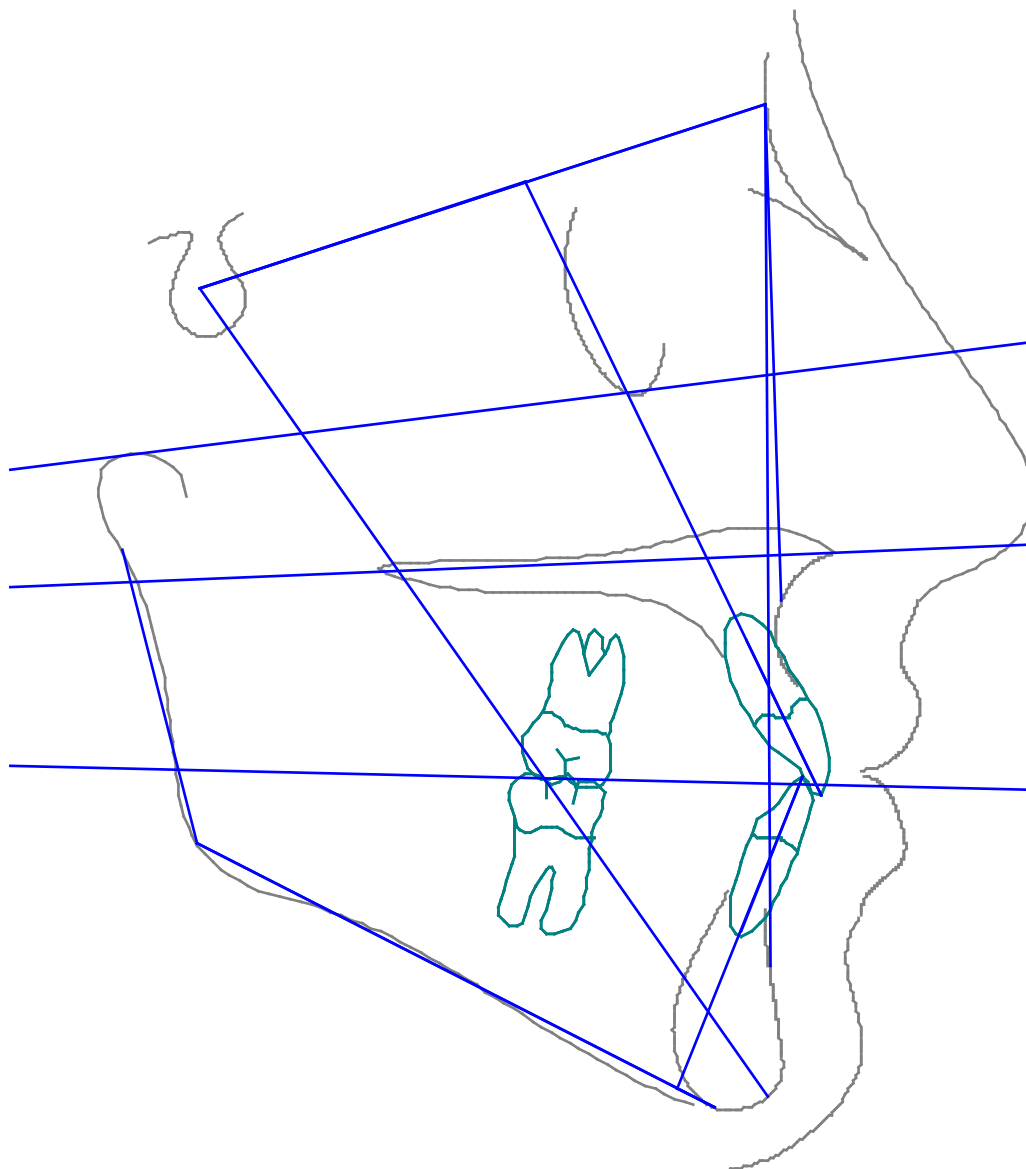
Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
Maxilla To Cranium							
SNA		Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
NA To F.H.		Deg	90.0	6.0	84.7	-(*)+	
Mandible To Cranium							
FACIAL ANGLE	FH-N-Pog	Deg	87.8	3.6	83.82	-(*)+	mandible retruded to Base
SNB		Deg	79.0	2.0	72.2	-(*)+	Mandible retruded
SN-Pg		Deg	80.0	5.0	72.95	-(*)+	Retruded Mandible
Maxilla To Mandible							
ANB		Deg	2.0	2.0	1.63	-(*)+	
WITS		mm	0.0	1.0	0.55	-(*)+	
McNamaras (Harvolds) Triangle							
Mandibular length		mm	114.0	5.0	118.8	-(*)+	
Maxillary length		mm	114.0	5.0	93.48	-(*)+	
Mdb-Mx difference		mm			25.32	-()+	
LOWER FACE HEIGHT	ANS-Gn	%	55.0	3.0	55.49	-(*)+	
ANGLE CONVEXITY (DOWNS)		Deg	180.0	5.0	178.17	-(*)+	
Axial Inclination Of Teeth							
UPPER I TO SN		Deg	103.0	4.0	97.8	-(*)+	Upper incisor too upright
UPPER I TO FRANKFORT		Deg	100.0	5.0	108.67	-(*)+	Upper incisor proclined forward
LOWER I TO GOGN		Deg	90.0	5.0	84.71	-(*)+	Lower incisor too upright
Interincisal Angle	/1 to 1/	Deg	131.0	13.0	132.4	-(*)+	
Growth Direction							
Y-Axis-Vert/Hor.Growth	Sgn - FH	Deg	59.5	6.5	62.1	-(*)+	
MAND PLANE ANGLE	FH to GoGn	Deg	28.0	3.0	31.21	-(*)+	High angle
RATIO		%	55.0	3.0	55.49	-(*)+	
Soft Tissue							
E-PLANE		mm	-2.0	2.0	-4.85	-(*)+	Lower lip retruded
UPPER LIP to E-LINE		mm	-4.0	2.0	-6.28	-(*)+	Upper lip retruded
LOWER LIP to E-LINE		mm	-2.0	2.0	-4.85	-(*)+	Lower lip retruded
Naso Labial Angle		Deg	100.0	10.0	108.99	-(*)+	

McGann Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
PL-MAND PLANE		Deg	25.0	3.0	29.37	-(*)+	
Y-AXIS(JARABAK)		Deg	67.0	3.0	72.97	-(*)+	Forward growth
MAXILLARY SKELETAL	A to Na Perp	mm	1.0	2.0	-6.04	-(*)+	Maxilla Retropositioned
SNA		Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
Mandible to Cranium		mm	-3.0	7.0	-13.56	-(*)+	
SNB		Deg	80.0	2.0	72.2	-(*)+	Mandible retruded
ANB		Deg	2.0	2.0	1.63	-(*)+	
Interincisal Angle	/1 to 1/	Deg	131.0	13.0	132.4	-(*)+	
LOWER I TO NB		Deg	22.0	4.0	21.99	-(*)+	
UI to SN		Deg	103.0	4.0	97.8	-(*)+	Upper incisor too upright
UI to A-Pog		mm	2.7	3.1	5.06	-(*)+	
UI to Mcnamara Line	1/to A vertical to FH	mm	4.0	3.0	1.85	-(*)+	
Naso Labial Angle		Deg	100.0	10.0	108.99	-(*)+	
Condylion - Gnathion	CD to Gn	mm	114.0	4.3	112.5	-(*)+	
Condylion - A point	CD to A pt	mm	85.0	4.8	84.9	-(*)+	
Menton - ANS	ANS to Me	mm	60.0	3.8	74.23	-(*)+	

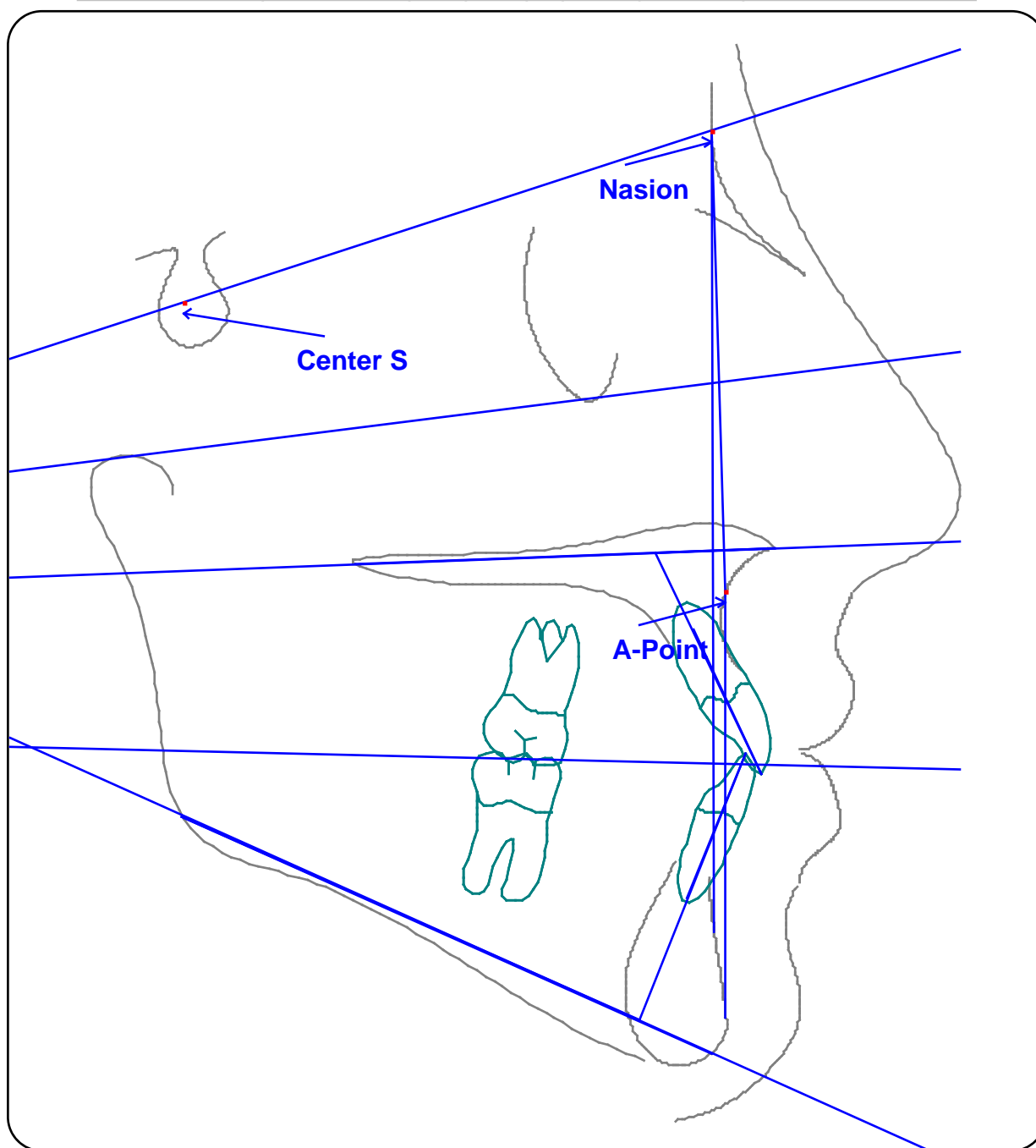


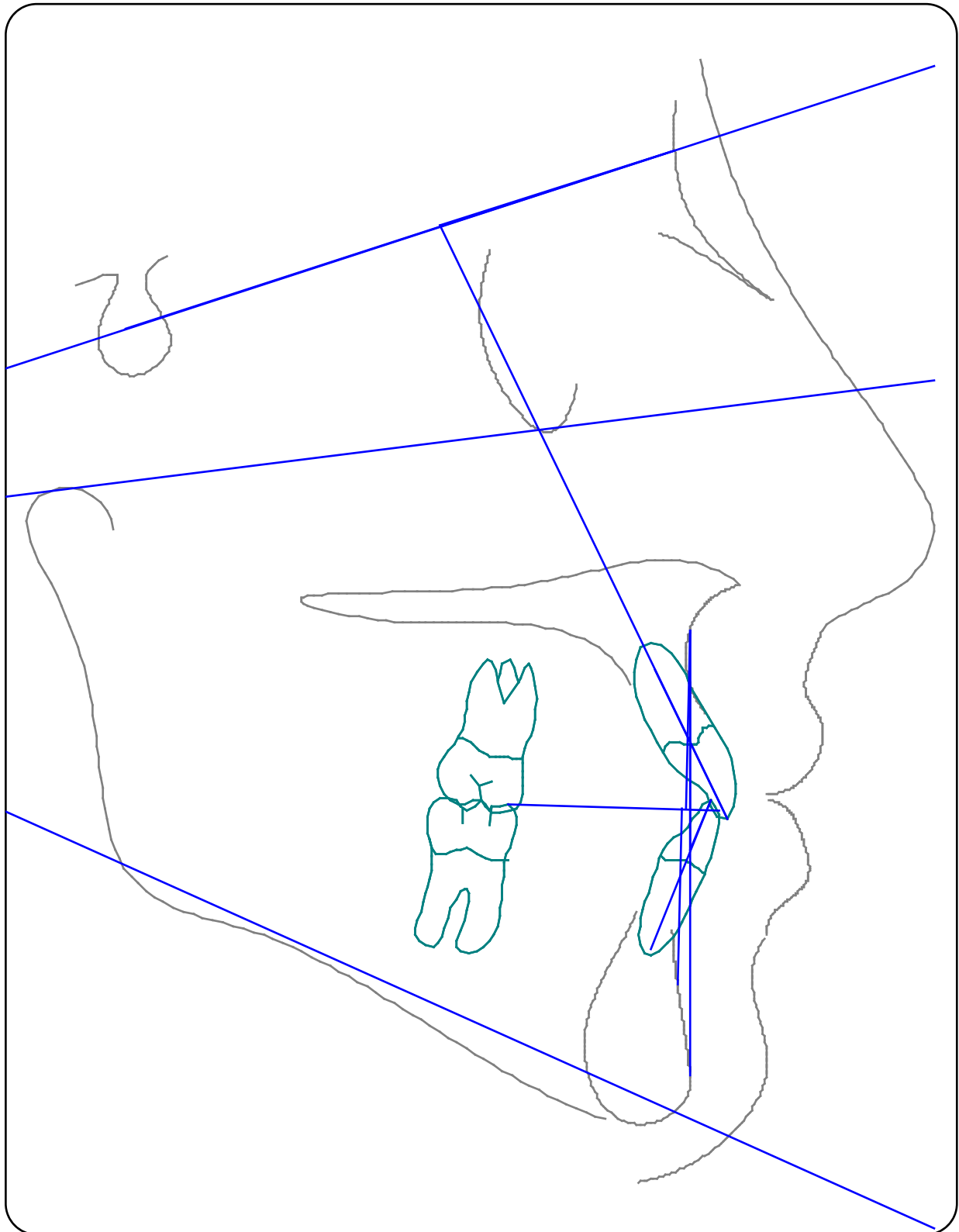
McLaughlin Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
SNA		Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB		Deg	80.0	2.0	72.2	-(*)+	Mandible retruded
ANB		Deg	2.0	2.0	1.63	-(*)+	
A-N P. FH	A to Na Perp	mm	0.0	2.0	-6.04	-(*)+	Maxilla Retropositioned
Po-N P. FH	Pog to Na Perp	mm	-4.0	4.4	-13.56	-(*)+	Mandible Retrognathic
WITS		mm	-1.0	1.0	0.55	-(*)+	Class II Skeletal problem
GOGN-SN		Deg	32.0	4.0	45.07	-(*)+	High angle case
FM		Deg	26.0	3.0	31.21	-(*)+	High Mandibular Plane
MM		Deg	28.0	3.0	26.38	-(*)+	
UI to A-Po		mm	6.0	3.1	5.06	-(*)+	
LI to A-Po		mm	2.0	2.0	2.7	-(*)+	
UI to MAX PLANE		Deg	110.0	5.0	113.5	-(*)+	
LI to MAND PLANE		Deg	95.0	3.7	84.71	-(*)+	Lower Incisor too upright





Modified Steiner Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

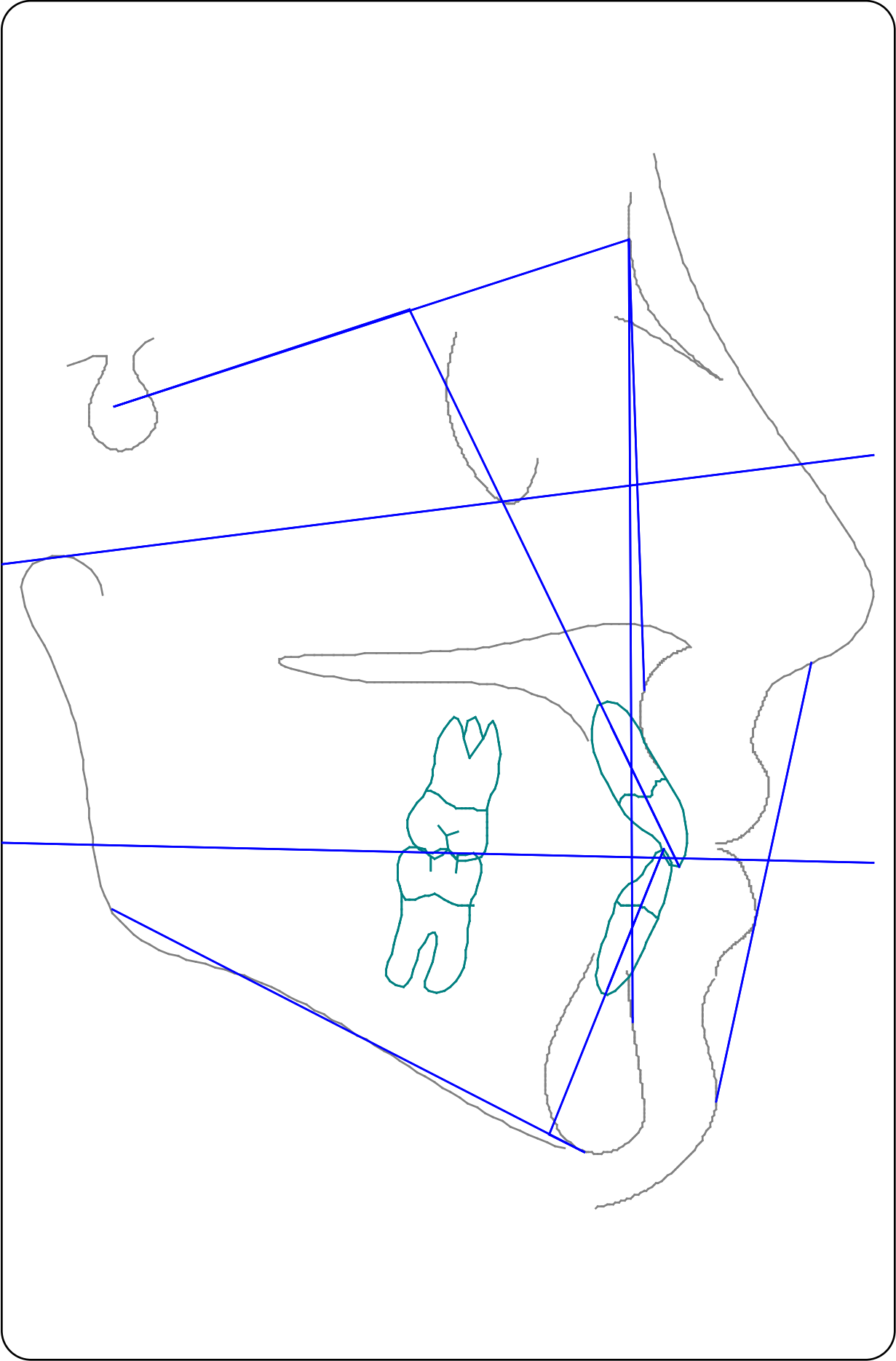
Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
SKELETAL							
SNA Angle		Deg	82.0	2.0	73.83	-(*)+	Maxilla retruded
SNB Angle		Deg	79.0	2.0	72.2	-(*)+	Mandible retruded
ANB Angle		Deg	2.0	2.0	1.63	-(*)+	
WITS		mm	0.0	1.0	0.55	-(*)+	
UPPER FACE HEIGHT	N-ANS	%	45	3.0	45.0	-(*)+	
LOWER FACE HEIGHT	ANS-Gn	%	55.0	3.0	55.49	-(*)+	
GOGN-SN Angle		Deg	32.0	4.0	45.07	-(*)+	High angle case
POG to NB Distance		mm	1.0		1.64	-()+	
Occ to SN Angle		Deg	14.0	3.0	19.34	-(*)+	Open Occ plane
Y AXIS to SN Angle		Deg	67.0	3.0	72.97	-(*)+	Forward growth
Nasion Perpendicular		mm	2.0	2.0	-6.04	-(*)+	
Lower Border Projection		Deg	10.0	10.0		-()+	Digitizing missing.
Upper Inc. to NA Dist.		mm	4.0	2.0	4.24	-(*)+	
Upper Inc. to NA Angle		Deg	22.0	4.0	23.96	-(*)+	
Lower Inc. to NB Dist.		mm	4.0	2.0	4.47	-(*)+	
Lower Inc. to NB Angle		Deg	25.0	4.0	21.99	-(*)+	
Interincisal Angle	/1 to 1/	Deg	131.0	13.0	132.4	-(*)+	
Lower Inc. to APo Dist.		mm	1.0	2.0	2.7	-(*)+	
6 - 6 to PTM		mm	15.0	4.0	20.47	-(*)+	
Facial							
Soft Tissue Upper Lip		mm	-4.0	2.0	-2.03	-(*)+	
Soft Tissue Lower Lip		mm	-2.0	2.0	-1.85	-(*)+	

Modified Steiner Cont. Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
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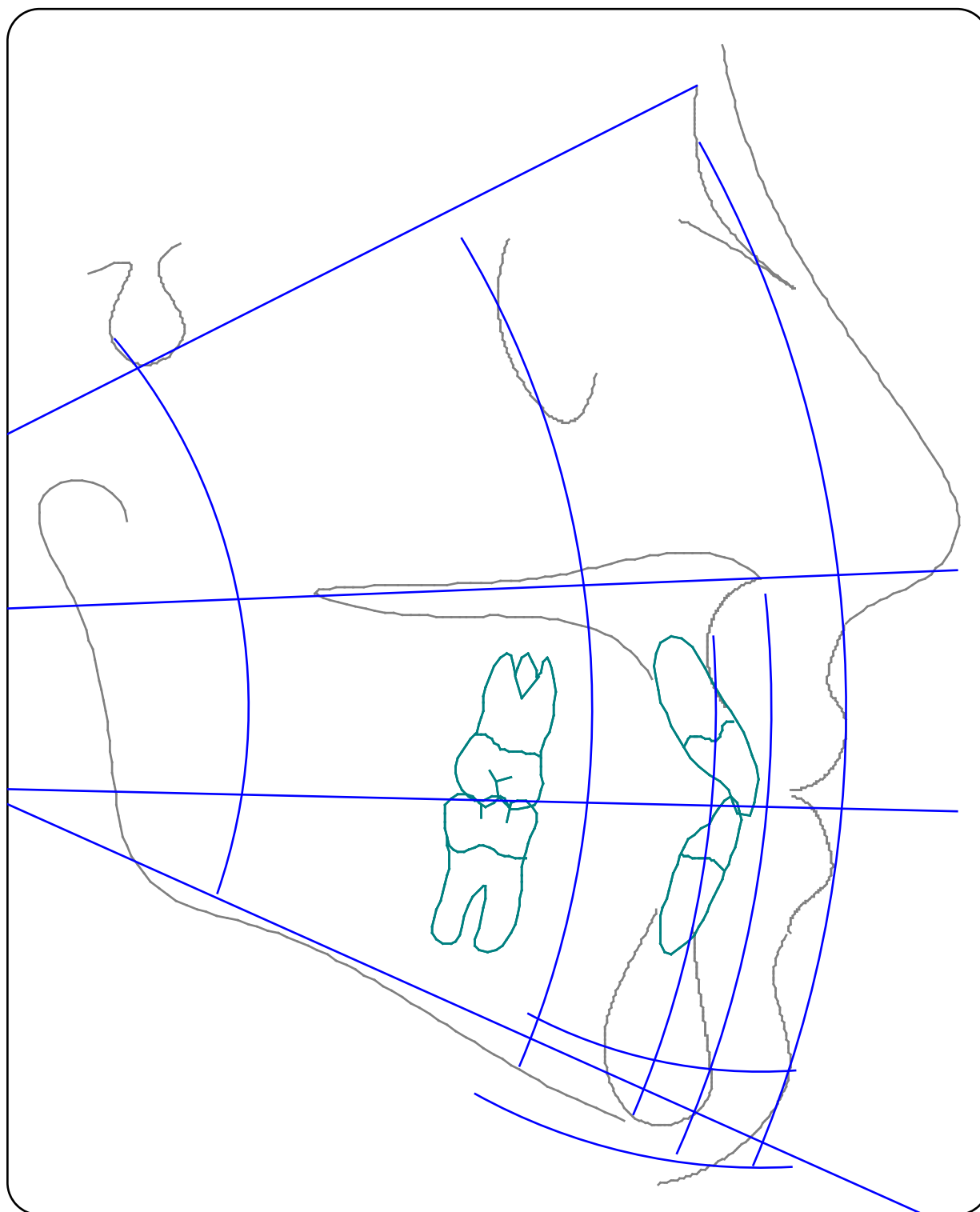


Sassouni Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Meas.	Type	Mean	Sd	Patient	Graph	Comment
Max. Position		mm	0.0	2.0	-10.12	-(*)+	Retrusive Maxilla
Mand. Position		mm	0.0	2.0	-9.95	-(*)+	Retrusive Mandible
Maxilla to Mandible		mm	0.0	2.0	0.67	-(*)+	Patient Has Class I Pattern
Maxillary Bases		mm	0.0	2.0	2.82	-(*)+	Normal
Position Gonion		mm	0.0	2.0	-12.53	-(*)+	Posterior
Position Incisor		mm	0.0	2.0	-1.99	-(*)+	Normal
Position Molar		mm	0.0	2.0	31.86	-(*)+	Upper Molar Anterior
Anterior facial height		mm	0.0	2.0	13.7	-(*)+	Long Anterior Lower Face Height
Posterior facial height		mm	0.0	2.0	2.84	-(*)+	Normal Posterior Facial Height



Sassouni Plus Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Patient
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HORIZONTAL INTERPRETATIONS

Skeletal AP (Relation of Mandible to Maxilla)

B point to the A Arc	2.82
Pogonion to the ANS Arc	0.67

Class III Tendency

Maxilla Length (Relative to the Cranium)

ANS to PNS	59.08
Cr Vertical Line to Anterior Arc	40.9

The Maxilla Is Long Posteriorly

Maxilla Position (Relative to the Cranium)

ANS to the Anterior Arc	-10.12
PNS to the Cr Vertical Line	4.65

The maxilla is in an undefined position

Maxillary Lip Angle (Norm: 100 to 115 Degrees)	83.47
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Maxillary Lip Is Retruded

Mandible Length (Relative to the Cranium)

Pogonion to Constructed Gonion	76.79
Anterior Arc to Posterior Arc	79.21

Mandible Length Relative To Cranium Is Short Anteriorly And Long Posteriorly

Mandible Position (Relative to the Cranium)

Pogonion to the Anterior Arc	-9.95
Constructed Gonion to the Posterior Arc	-12.53

Mandible is in an undefined position relative to cranium

VERTICAL INTERPRETATIONS

Skeletal Vertical (mm) (Relation between ANS-SOr and ANS-Me)	13.7
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Open Bite Relationship

Palatal Plane Inclination (deg) (Relative to Optic Plane)	4.23
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The Bite Is Closing

DENTAL INTERPRETATIONS

Maxillary Incisor Position (Norm: 0 to plus 4 mm)	-1.99
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The Maxillary Incisor Is Posteriorly Positioned

Maxillary Incisor Angle (Norm: 110 to 113 deg)	113.5
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The Maxillary Incisor Is Normaly Inclined

Mandibular Incisor Angle (Norm: 90 to 100 deg)	84.71
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The Mandibular Incisor Is Retroclined

Mx Molar Position (Norm: located on Mid-Facial Arc)	31.86
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The Maxillary Molar Is Mesially Positioned

Sassouni Plus Cont. Analysis



Doctor:Guest , Patient: Guest Patient , Age: 12 , Gender: Female , Date: 14-Aug-2002

Descriptor	Patient
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PROMINENT DIRECTION OF GROWTH

Upper Angle	51.91
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Lower Angle	79.34
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Clockwise Growth Tendency

