



Diş Hekimliği
Uyg. ve Arş. Merk.

ORTODONTİ ANABİLİM DALI
UNIVERSAL ORTHODONTIC ANALYSIS FORM

KODU	YAYIN TARİHİ	REVİZYON NO	REVİZYON TARİHİ	SAYFA NO/SAYFA SAYISI
DHUYAM.11	15.12.2023	01	15.12.2023	1 / 6

Doctor's name :

Supervisor:

ANAMNESIS

Ad / Name	
Yaş, Cinsiyet/Age, gender	
Address	
Tel/Phones	
Anne, baba mesleği/Profession of parents	
Genel sağlık durumu/General health status	
Sürekli kullandığı ilaçlar/Continuous medication	
Hepatit; Tiiberküloz; Ateşli romatizma/ Hepatitis; Tuberculosis; Rheumatit Fever	
Allerjiler/Allergies (Metal?):	
Önceki ortodontik tedavisi/Previous orthodontic treatment	
Hastanın şikayeti/Patient's chief complaint	
Beklentileri/Expectations	
İstekli mi? /Motivation	
Sosyal-okul durumu/Social status/School performance	
Ailede maloklüzyon? /Family history of malocclusion?	

CLINICAL EXAMINATION

Oral hygiene/soft tissue health		
Midlines		
Facial symmetry		
Smile line		
Muscle hyperactivity		
Lip closure		
Tongue		
Mouth breathing		
Adenoids and tonsils		
Habits		
TMJ findings		
Maximum opening- (mm)	Lateral Movements	
Dental relationship	Rt molar Lt molar	Rt canine Lt canine
Overjet	Overbite	
Constriction / Crossbite		



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MODEL ANALYSIS

Hayes-Nance Analysis

MAXILLA Tooth material:
Available arch length:
Arch discrepancy:

MANDIBLE Tooth material:
Available arch length:
Arch discrepancy:

Bolton Analysis

For upper 6: _____
For upper 12: _____

For lower 6: _____
For lower 12: _____

RADIOLOGIC EXAMINATION

Panoramic

Decay
Impacted
Missing

Fillings
Root Canal Therapy
Prosthesis

Hand-Wrist

Prepeak: -PP3 equal
-MP3 equal
-MP5 equal

Peak: - Sesamoid
- DP3 capping
- MP3 capping
- MP5 capping
- DP3 fusion
- Hamatum 1

Postpeak: - Sesamoid
- DP3 capping
- MP3 capping
- MP5 capping
- DP3 fusion
- Hamatum 1

Postero-Anterior

Upper skeletal midline:
Lower skeletal midline:
Other morphological asymmetries:

Upper dental midline:
Lower dental midline:



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“BOLTON” TOOTH SIZE DISCREPANCY ANALYSIS

Total tooth size ratio

Sum of lower 12: _____ mm
_____ X 100 = % _____ Mcan : 91.3 ± 0.26

Sum of upper 12: : _____ mm
S.D.:1.91
Range: 87.5-91

Upper 12:	Lower 12	Upper 12:	Lower 12	Upper 12:	Lower 12
85	77.6	94	85.8	103	94.0
86	78.5	95	86.7	104	95.0
87	79.4	96	87.6	105	95.9
88	80.3	97	88.6	106	96.8
89	81.3	98	89.5	107	97.8
90	82.1	99	90.4	108	98.6
91	83.1	100	91.3	109	99.5
92	84.0	101	92.2	110	100.4
93	84.9	102	93.1		

Patient Analysis

Total tooth size ratio > 91.3:

(Sum of lower 12) _____ mm - (Ideal lower 12) _____ mm = (Excess for lower 12) _____ mm

Total tooth size ratio > 91.3:

(Sum of upper 12) _____ mm - (Ideal upper 12) _____ mm = (Excess for upper 12) _____ mm

Anterior tooth size ratio

Sum of lower 6: _____ mm
_____ X 100 = % _____ Mcan : 77.2 ± 0.22

Sum of upper 6 : _____ mm
S.D.:1.65
Range: 74.5-80.4

Upper 6:	Lower 6:	Upper 6:	Lower 6:	Upper 6:	Lower 6:
40.0	30.9	45.5	35.1	50.5	39.0
40.5	31.3	46.0	35.6	51.0	39.4
41.0	31.7	46.5	35.9	51.6	39.8
41.5	32.0	47.0	36.3	52.0	40.1
42.0	32.4	47.5	36.7	52.5	40.5
42.6	32.8	48.0	37.1	53.0	40.9
43.0	33.2	48.5	37.4	53d	41.3
43N	33.6	49.0	37.8	54.0	41.7
44.0	34.0	49.5	38.2	54.5	42.1
44-5	34.4	50.0	38.6	55.0	42.6
45.0	34.7				

Patient Analysis



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Anterior tooth size ratio > 77.2:

(Sum of lower 6) _____ mm (Ideal lower (6) _____ mm = (Excss for lower (6) _____ mm

Anterior tooth size ratio > 77.2:

(Sum of upper 6) _____ mm (Ideal upper (6) _____ mm = (Excss for upper (6) _____ mm

CEPHALOMETRIC ANALYSIS

Skeletal Evaluation

VERTICAL	STANDARD	BEGINNING	PROGRESS	END	CONTROL
GoMe-SN	32 + 7°				
Saddle angle	123 ± 5°				
Articular angle	143 ± 6°				
Gonial angle	130 ± 7°				
Inner angles Σ	396 ± 3°				
ANSMc/NMc	% 55				
Gonial ratio	% 75				
Jarabak ratio	% 59 - 62				
SAr / Ramus	%75				
Antegonial notch	2 mm				
Maxillary height	60°				
PP-SN	5-7°				
Facial axis angle	90°				
Y axis angle	59.4°				
FMA	25°				
RESULT					

SAGITTAL	STANDARD	BEGINNING	PROGRESS	END	CONTROL
SNA	82 ± 2°				
SNB	80 ± 2°				
ANB	2°				
Wits	-1 ± 3mm°				
NLA	1 mm				
Maxillary depth	90°				
A C B / Corpus	x / x + 7 mm				
Anterior Cranial Base					
Posterior Cranial Base					
SL	51 mm				
SE	22 mm				
RESULT:					



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Dental Evaluation

UPPER INCISOR	STANDARD	BEGGINING	PROGRESS	END	CONTROL
I - SN	103				
I - NA	22				
I - NA	4 mm				
I - FH	112				
LOWER INCISOR	STANDARD	BEGGINING	PROGRESS	END	CONTROL
IMPA	90				
Ī - NB	25				
Ī - NB	4 mm				
Pog - NB	4 mm				
Holdaway ratio	1 / 1				
I - Ī	131				
I - OP	57.8 ± 3				
Ī - OP	64 ± 4				
FOP	95 ± 1.4				
OP - SN	14 ± 4				
OP - FH	10 + 2				
I - PP	110 ± 2				

RESULT:

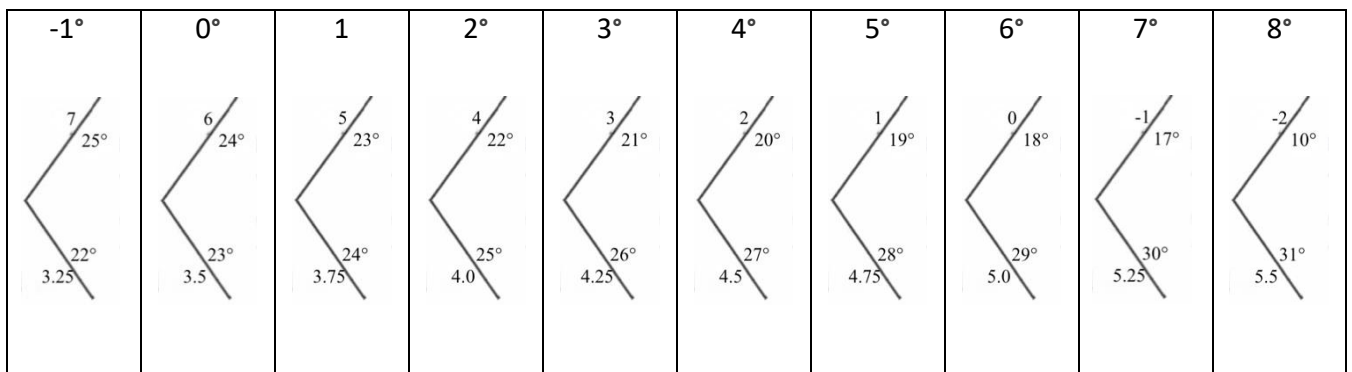
Steiner Analysis:

Steiner compromise

Hayes- Nance result

Spee correction

TOTAL STEINER





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Soft Tissue Evaluation

	STAN DARD	BEGGINING	PROGRESS	END	CONTROL
H angle - ANB	7-8°				
Nasolabial angle	90-110°				
Soft tissue profile	16.5-175°				
Skeletal profile	180°				
Total profile	U3				
Nasal projection	14-24 mm				
N ⊥- Upper lip	14 ± 8 mm				
Upper lip thickness	12- 14 mm				
Upper lip strain	I mm				
Upper lip length	I 9-22 mm				
Upper lip - E line	-4 mm				
Lower lip thickness	14- 15 mm				
Lower lip strain	1 mm				
Lower lip length	38-44 mm				
Lower lip – E line	-2 mm				
Soft tissue pogonion	10-12 mm				

PROFILE: Concave / Orthognathic / Convex

Profile characteristics: _____

DIAGNOSIS:

OPINIONS:

TREATMENT PLAN: