

Yasamen`s case Summery



DIAGNOSTIC SUMMARY

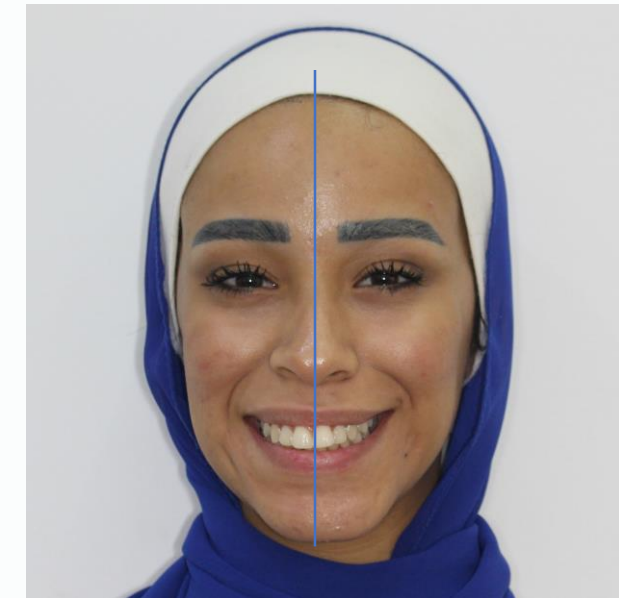
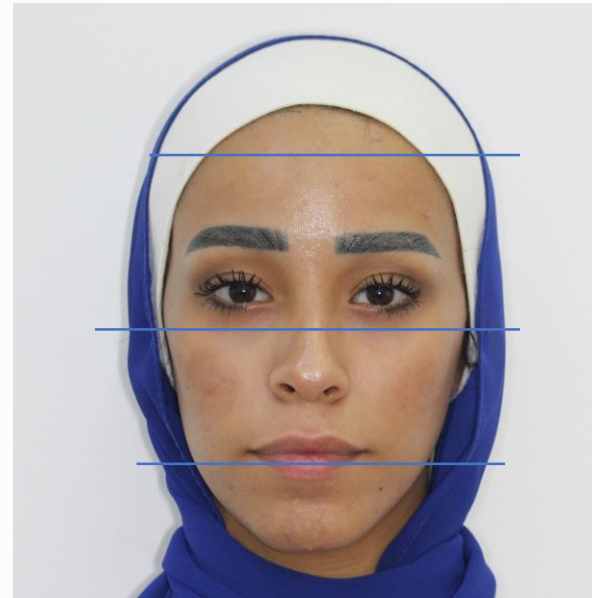
YS, 19 y , female, medically fit and well , Presented with a Class all dev 1 incisors relationship, Class II skeletal base, class non molars relationship, average vertical proportion , This is complicated by increased over jet , increased overbite and poor prognosis UR6 and LR6 .

CLINICAL EXAMINATION

EXTRA-ORAL FEATURES

1. Skeletal Assessment:

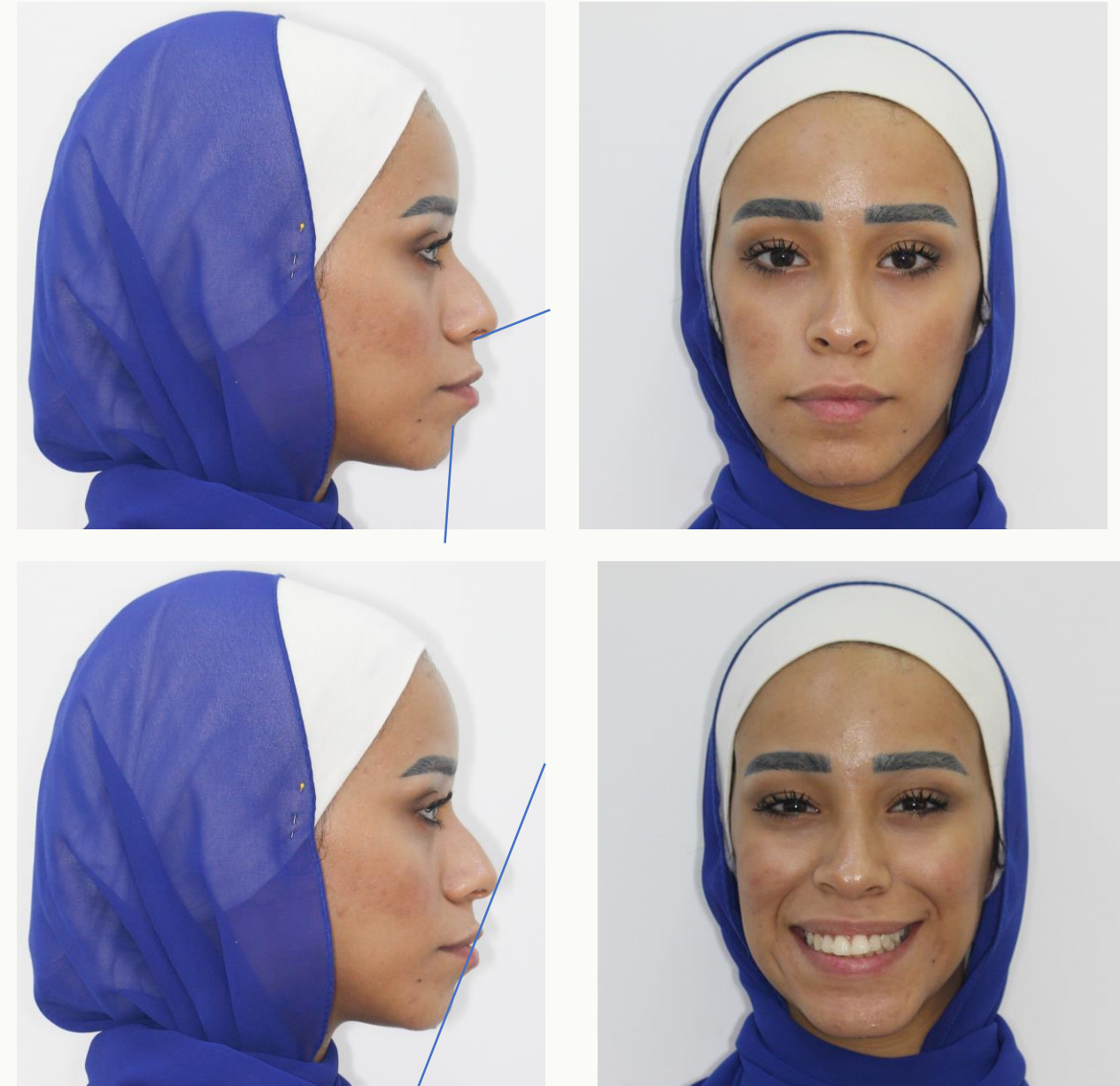
- ☐ Antero-posterior: Skeletal Class II
- ☐ Transverse : facial symmetrical
- ☐ Vertical : average vertical proportion



EXTRA-ORAL FEATURES

2. Soft tissue assessment:

- ☐ Lips competent
- ☐ Average NLA
- ☐ Increase LMA
- ☐ Average Incisor show
- ☐ Lower and upper lips protrusive in relation to E line
- ☐ Average Buccal corridors
- ☐ Non-Coincidence smile arc



3. TMJ Assessment:

- ☐ No signs or symptoms of TMJ



INTRA-ORAL FEATURES

1. General

- ☐ Poor Oral hygiene.
- ☐ Soft tissues: generalized gingivitis.
- ☐ All present teeth except uppers third molars .
- ☐ General dental condition: teeth with caries.
- ☐ LR6 poor prognosis .
- ☐ LL6 Missing.

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Maxillary arch



- ☐ Arch square shape.
- ☐ Mild crowding 3 mm.
- ☐ Incisor inclination: proclined.
- ☐ Canine angulation: upright .
- ☐ Flat COS.



Mandibular arch

- ☐ Arch U shape.
- ☐ Moderate crowding 5 mm.
- ☐ Incisor inclination: upright.
- ☐ Canine angulation: upright.
- ☐ LL6 Missing.
- ☐ Speceing 10mm.
- ☐ Increase COS.



OCCLUSAL FEATURES

- ❑ Class II div 1 incisors relationship.
- ❑ Overjet (5 mm)
- ❑ Increase Overbite
- ❑ Left buccal segment relationship:
Canine- class I. Molar- unclassified
- ❑ Right buccal segment relationship:
Canine- class I. Molar- class I



GENERAL RADIOGRAPHIC EXAMINATION

- ☐ Localized alveolar bone loss level in upper anterior region.
- ☐ UR8, UL8, are erupting.
- ☐ Normal root form and shape.
- ☐ Missing LL6.
- ☐ UR6, LR6 are poor prognosis.





Cephalometric interpretation



Cephalometric interpretation

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casmen None, None (19Y/F)

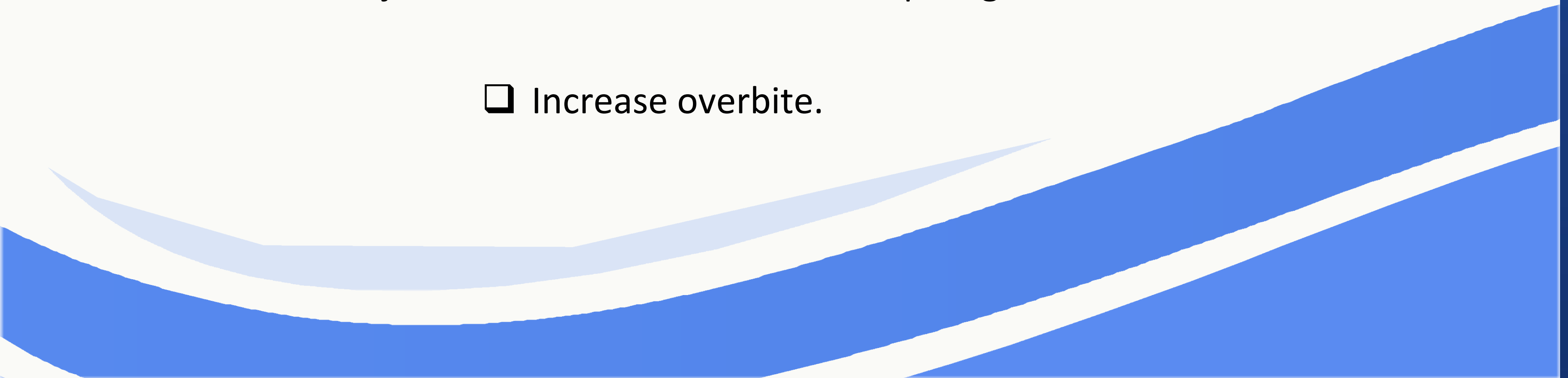
Eastman

	Mean	S.D.	Result	Severity	Polygonal chart	Meaning
SNA(Eastman)	82	3.0	85.26	*	70 75 80 85 90	Protruded maxilla
SNB(Eastman)	79	3.0	79.20		70 75 80 85 90	Normal mandible
ANB(Eastman)	3	1.0	6.06	***	-10 -5 0 5 10 15	Skeletal Class II
SN to maxillary plane	8	3.0	12.34	*	0 5 10 15 20	Large SN-MxPI angle
Wits appraisal	-0.3	3.0	-1.77		-10 -5 0 5 10	Skeletal Class I
U1 to maxillary plane angle	108	5.0	121.59	**	95 100 105 110 115 120	Proclined upper incisor
L1 to mandibular plane angle	92	5.0	94.07		85 90 95 100	Normal lower incisor
Interincisal angle(Eastman)	133	10.0	115.15	*	120 130 140 150	Proclined interincisal angle
Maxillary mandibular planes angle	27	5.0	29.19		20 25 30 35	Normodivergent pattern
Upper anterior face height	54	5.0	56.46		45 50 55 60	Normal upper AFH
Lower anterior face height	65	5.0	66.28		55 60 65 70 75	Normal lower AFH
Lower AFH ratio	55	2.0	54.00		45 50 55 60 65	Normal Lower AFH
L1 to A-Pog(Eastman)	1	1.0	5.53	***	-10 -5 0 5 10 15	Protruded lower incisor
Lower lip to E-plane(Eastman)	-2	1.0	3.16	***	-15 -10 -5 0 5 10	Protruded lower lip
Nasolabial angle	95	5.0	88.99	*	85 90 95 100 105	Protruded lip



PROBLEM LIST

- ☐ Poor Oh.
- ☐ Class II skeletal pattern.
- ☐ Incisors class II dev I relationship.
- ☐ Increase overjet.
- ☐ Class II canine relationship.
- ☐ Class II molar relationship.
- ☐ Crowding.
- ☐ Spacing.
- ☐ Increase overbite.



AIMS AND OBJECTIVES OF TREATMENT

- ☐ Maintain good oral hygiene throughout orthodontic treatment.
- ☐ Orthodontic camouflage.
- ☐ Achieve class I incisor relationship
- ☐ Relief crowding.
- ☐ Close spacing.
- ☐ Level and align dental arches.
- ☐ Achieve normal overjet.
- ☐ Achieve class I molars and canines relationship.
- ☐ Retain the corrected result.



TREATMENT PLAN

1. Oral hygiene instruction and tooth brushing.
2. Restoration for decayed teeth
3. Orthodontic camouflage
 - ☐ One phase orthodontic treatment approach.
 - ☐ extraction upper 6's and lower 6's.
 - ☐ Upper and lower arch pre-adjusted Edgewise appliances 0.022" x 0.028" slot (MBT prescription).
4. Additional dental treatment:
 - ☐ Routine oral hygiene reviews
 - ☐ attendance for regular check-ups with general dental practitioner
5. Proposed retention strategy:
 - ☐ Upper and lower vacuum formed retainers. To be worn evening and night for a year and following this a reduced regime will be recommended on a long term basis.
 - ☐ Upper bonded retainer from canine to canine to be considered for long term.





Thank you for listening.