

# Case presentation

Supervised by

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- Patient name: sajad mohammed
- Age: 17 years
- Adress : alsader city
- Chief complaint: “when I close my mouth my teeth Don’t come in contact, and I feel my lower jaw is Projected forward.
- Medical history: no history
- Dental history: previous fillings and scaling Without complications



# Skeletal examination

- Clinically:

Anteroposterior relation:

- CLIII

Facial profile:

- concave





# Skeletal examination

- Clinically:

Vertical proportions:

Increased lower face height



# Skeletal examination

- Clinically:

Horizontal relation:

Assymmetric face

Deviated nose to left

Deviated chin to right



# Composite photographs

right



normal



left





# Dental examination

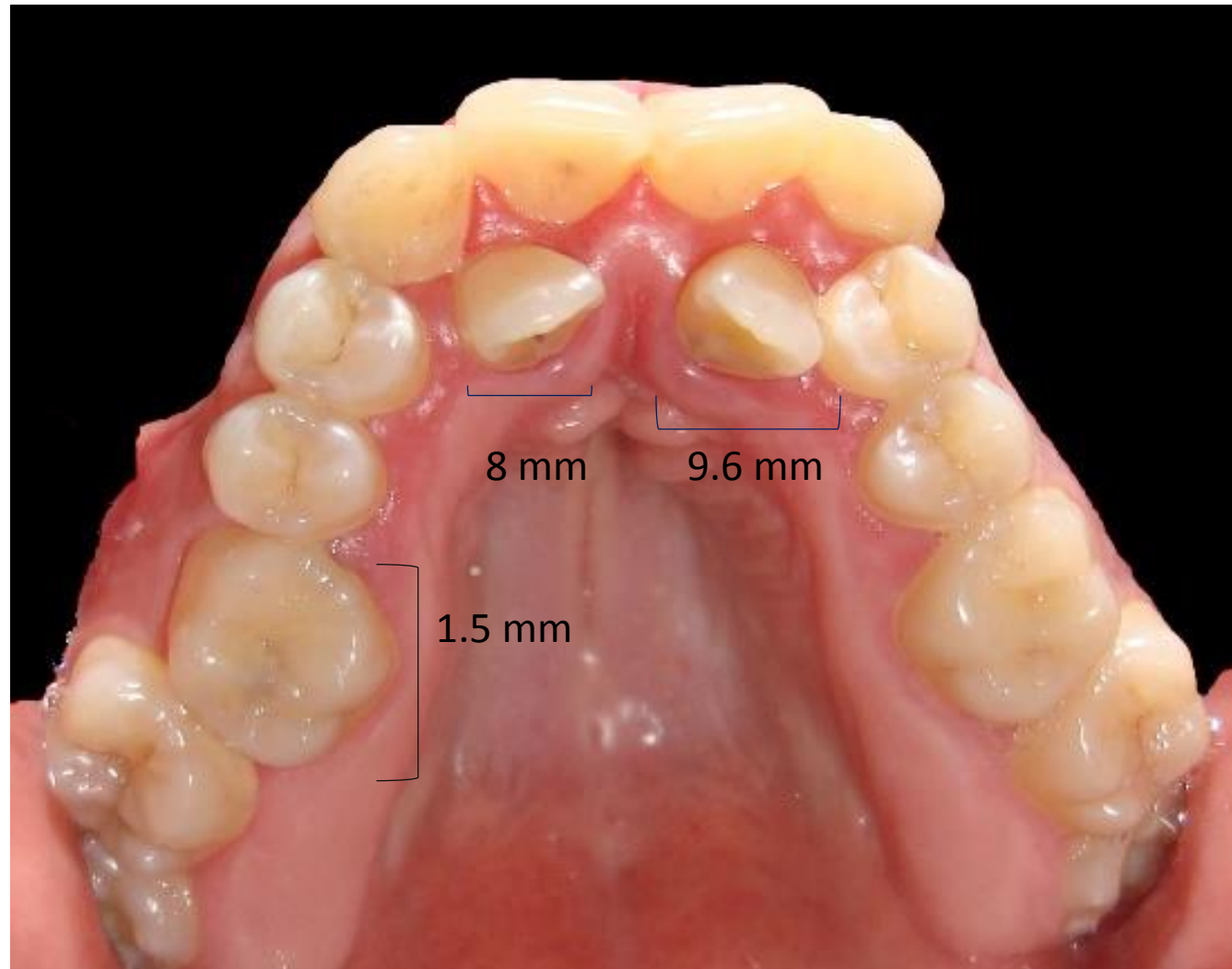
- Angle classification: CLIII
- Canine classification: CLIII
- Incisor classification: CLIII
- Over jet: -6
- Over bite: -10
- Anterior and posterior cross bite





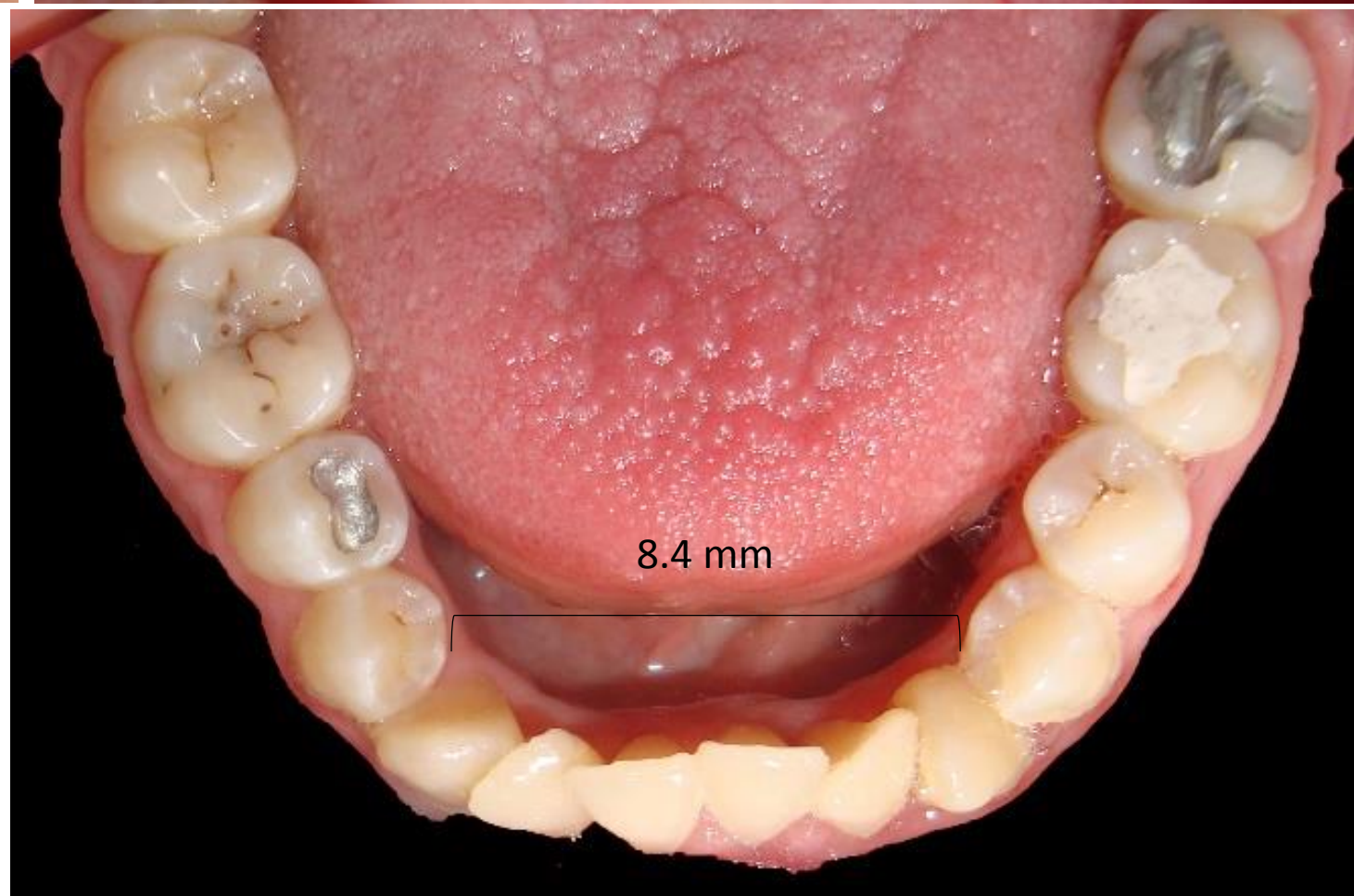
# Space analysis

- Crowding
- 19.1 mm



# Space analysis

- crowding

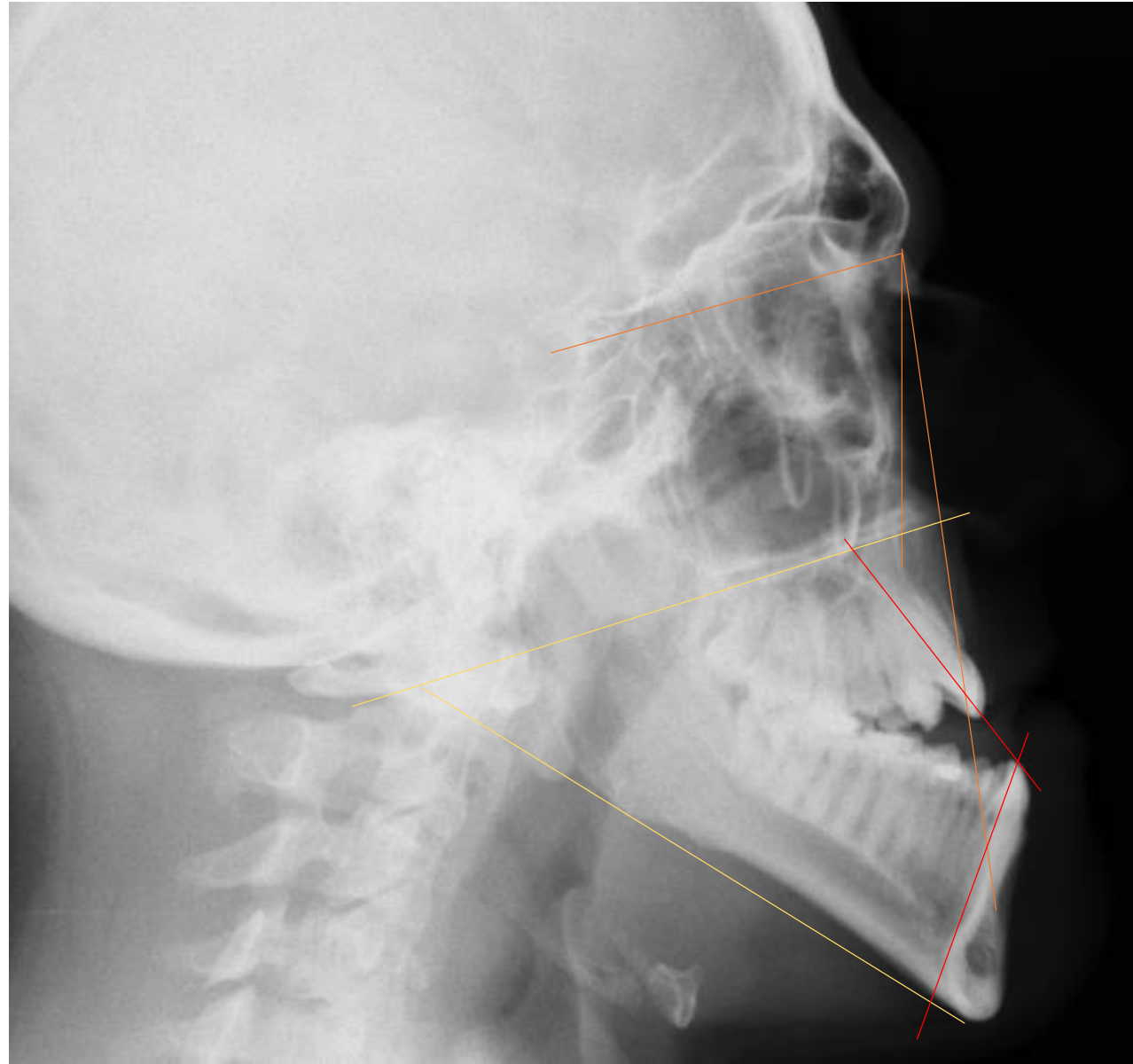


# Congenitally missed third molars





# Cephalometric analysis



# Cephalometric analysis

measurement	value	Normal
SNA	72	78-84
SNB	78	76-82
ANB	-6	2-4
MAX.P/MP	50	23-31
S-N-POG	79	80
U1/MAX.P	103	105-115
L1/MP	70	87-93

# Cephalometric analysis

measurement	value	Normal
U1/L1	137	125-135
U1/N-POG	5	2-6
L1/N-POG	10	-2-2
UPPER LIP /E-line	13	2-3
Lower lip /E-line	5	1-2
Nasolabial angle	99	94-110



# Problems list

- Skeletal class III
- Concave facial profile
- Increased lower facial height
- Deviated nose to left
- Deviated chin to right
- Anterior open bite
- Anterior and posterior cross bite
- Crowded upper and lower arch
- Lower midline shift to the right

# DIAGNOSIS AND TREATMENT PLANNING



# DIAGNOSIS AND TREATMENT PLANNING

- Skeletal class III with ant. Openbite and ant. And post. Crossbite
- Treatment planning:
- Expansion in upper arch
- Extrraction of crowded laterals
- Leveling and alignment
- Bimaxillary orthognathic surgery(maxillary advancement with impaction and mandibular setback)





# Other treatment planning

- Maxillary expansion
- Maxillary advancement and impaction
- Extraction of lower fours