



# **MAXILLO-FACIAL SURGERY**


*Where does it stand???*

# INTRODUCTION

*The speciality of dentistry that includes diagnosis and surgical and adjunctive treatment of diseases, injuries and defects including both the esthetic and functional aspects of the hard and soft tissues of the oral and maxillofacial regions.*

# “CONFUSION IN APPLICATION”

- Requires Dual Qualification (Medical + Dental) in Europe.
- Requires 4 Years of PG Residency in USA after DDS & 6 years with a medical degree.
- 3 Years PG Programme after BDS in India.




The Specialty of Maxillofacial Surgery encompasses wide array of procedures ranging from minor to complex major surgical procedures.

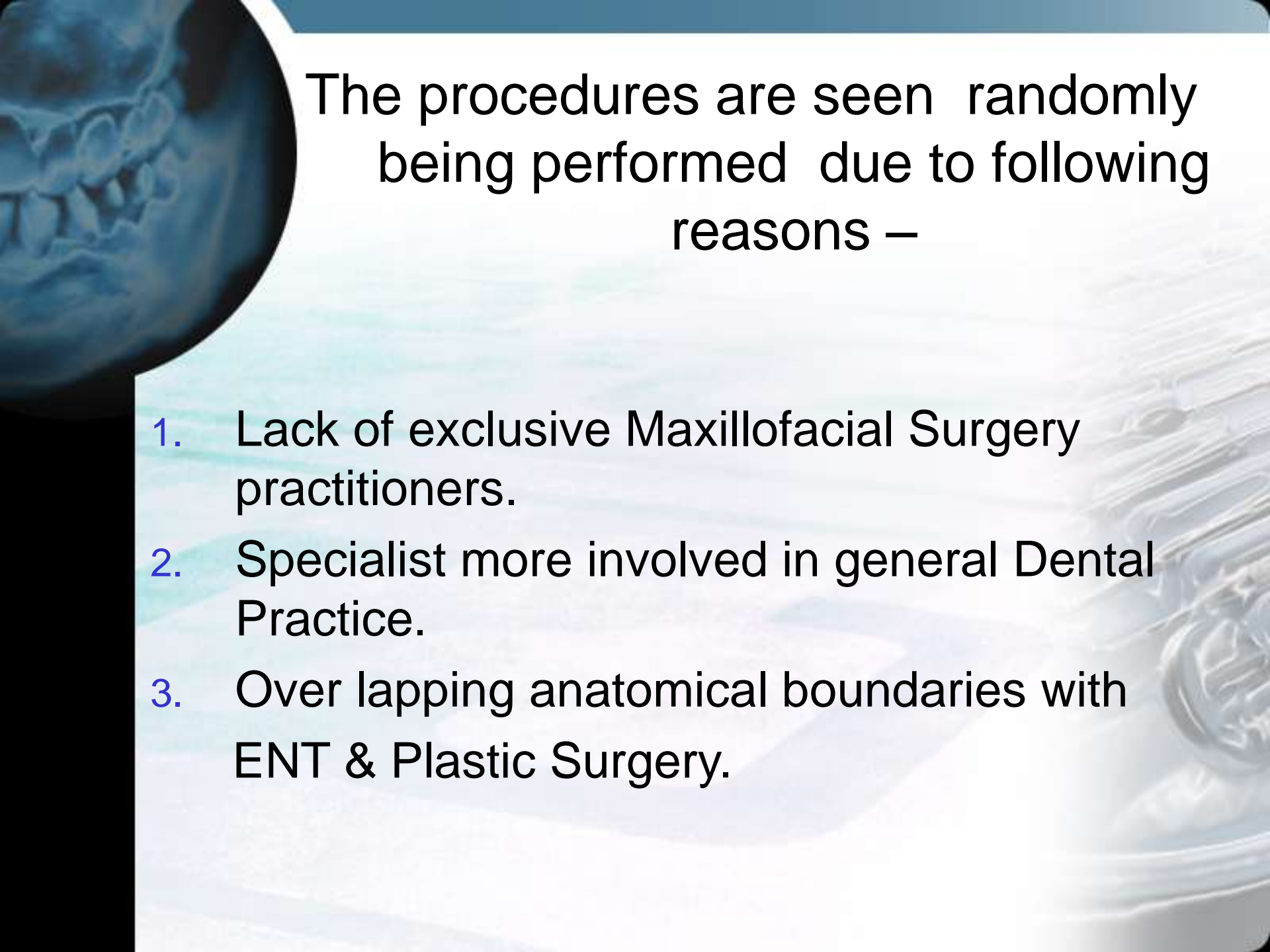


# PROCEDURES

- Difficult tooth extractions and surgical extractions
- Odontogenic infections
- Facial Trauma
- Oral Pathologic entities.
- TM Joint Disorders
- Orthognathic/ Profile correction Surgery
- Reconstructive Surgery
- Aesthetic Facial Surgery

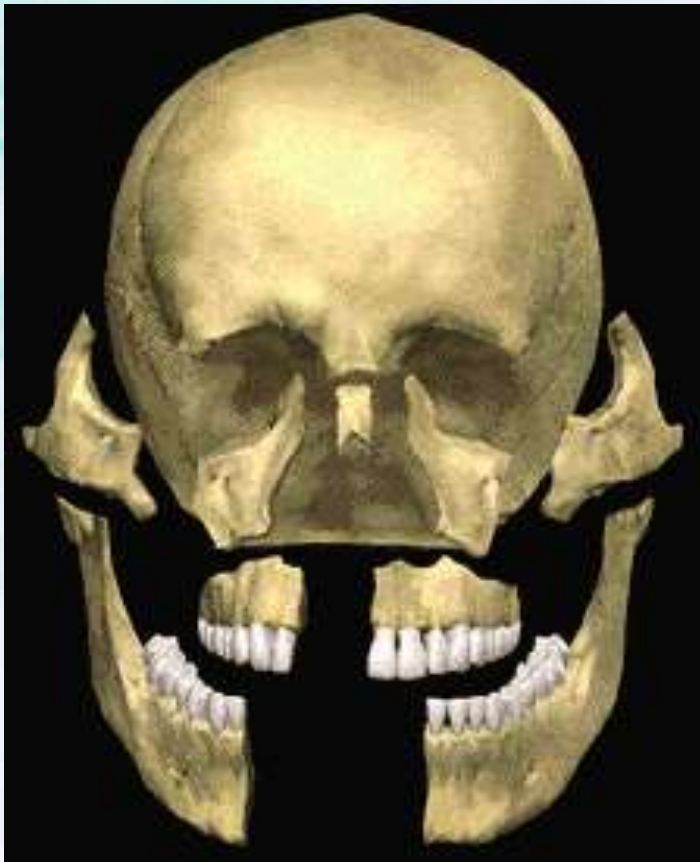


The procedures are seen randomly being performed due to following reasons –

1. Lack of exclusive Maxillofacial Surgery practitioners.
  2. Specialist more involved in general Dental Practice.
  3. Over lapping anatomical boundaries with ENT & Plastic Surgery.
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# FACIAL TRAUMA

Accurate management with respect to aesthetics and function.



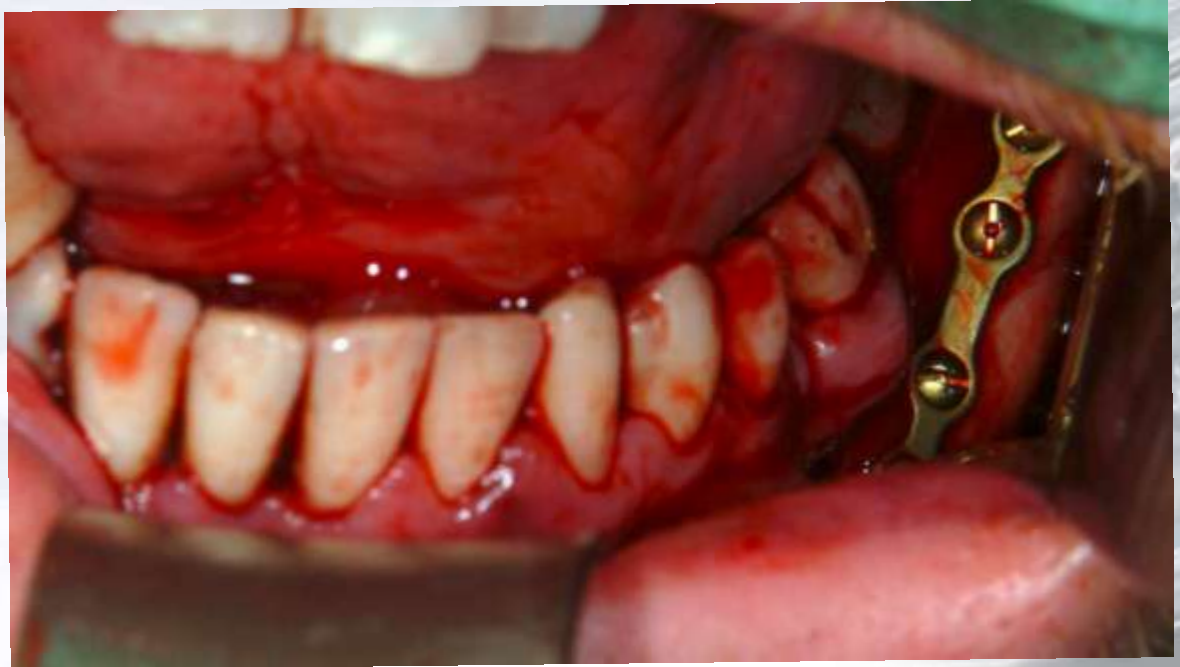
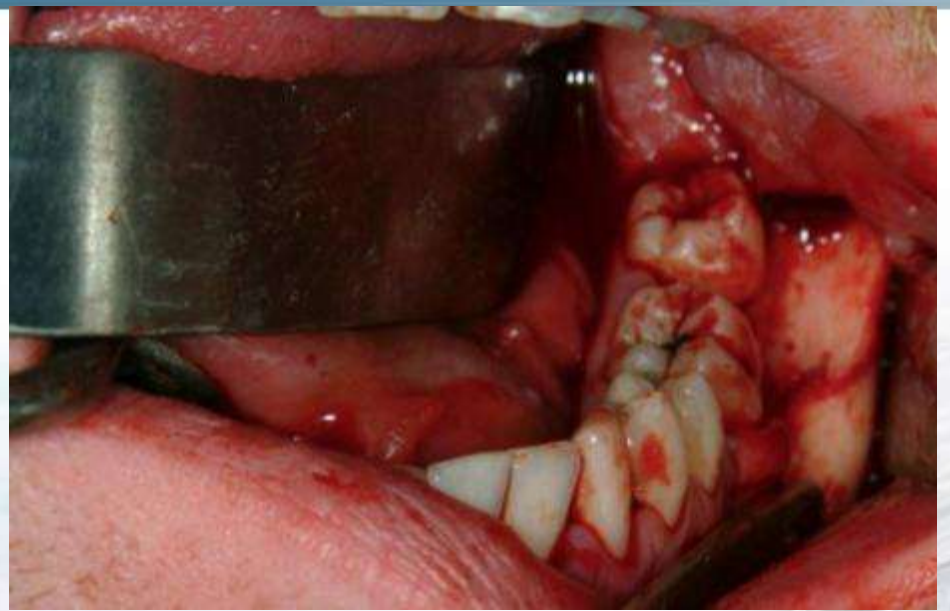
- Mandible #
- Mid-facial #
- Orbito-zygomatic complex #
- Naso-ethmoid complex #
- Frontal Bone #

# FACIAL TRAUMA

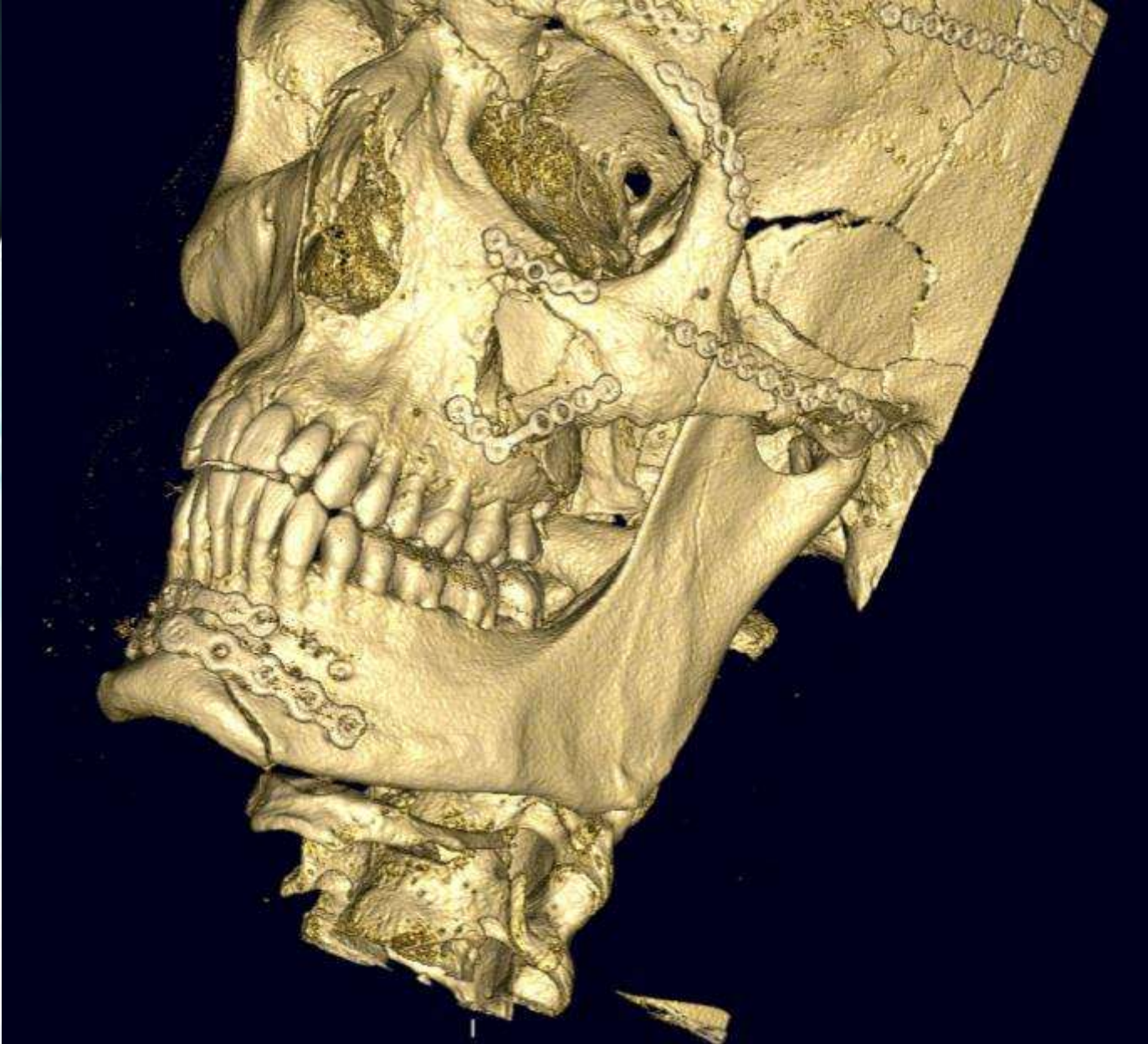
Management requires accurate knowledge of Dental Occlusion



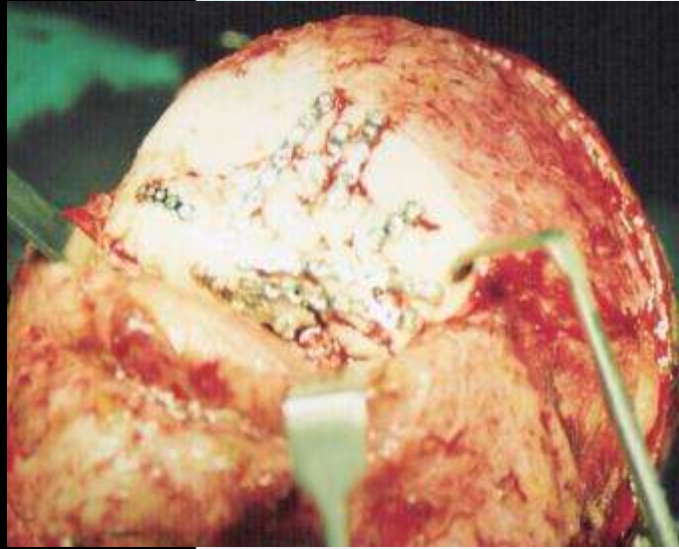
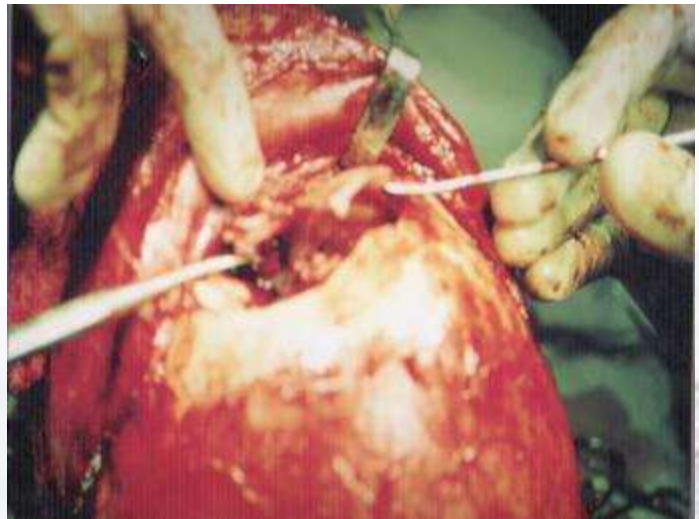














# TMJ ANKYLOSIS

***Complete bony or fibrous fusion between the joint surfaces'***

Crippling affliction which causes partial to complete restriction of mouth opening

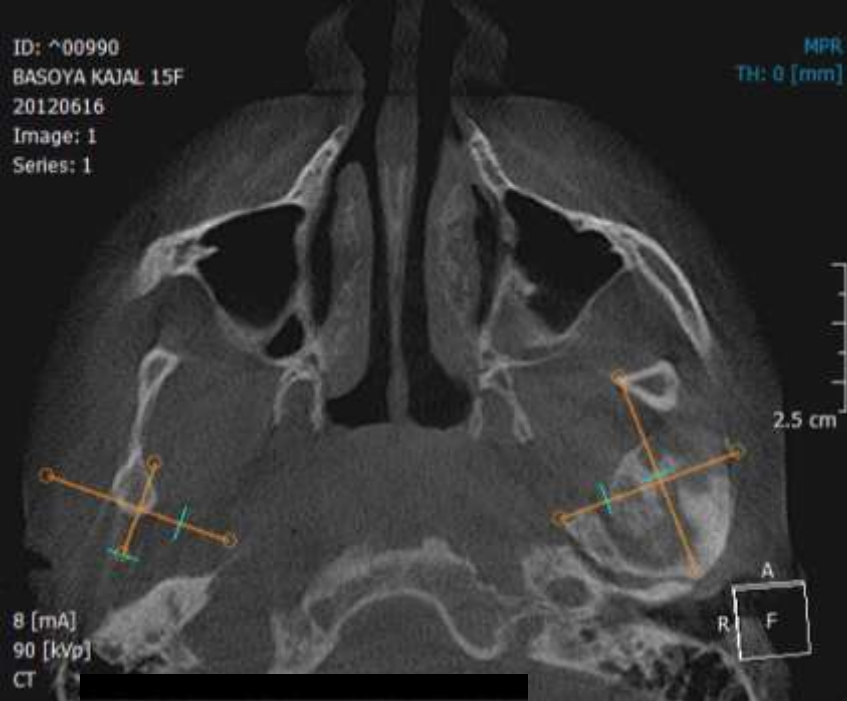
Interference with mastication and digestion – malnourishment

If it occurs at young age – causes restriction of growth – facial deformity- emotional & psychological stress

Speech is affected

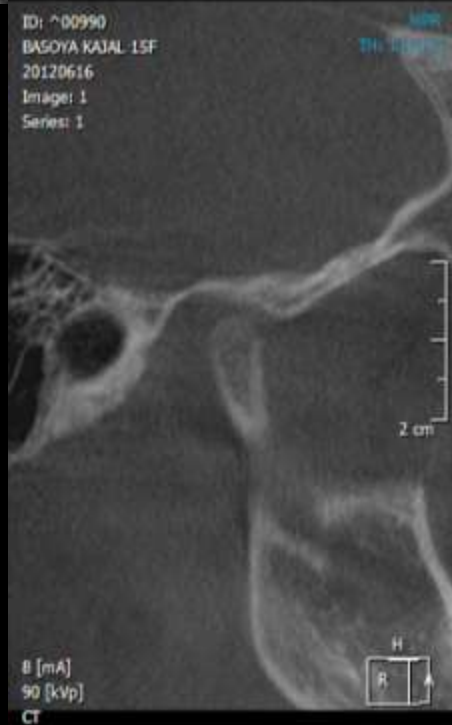
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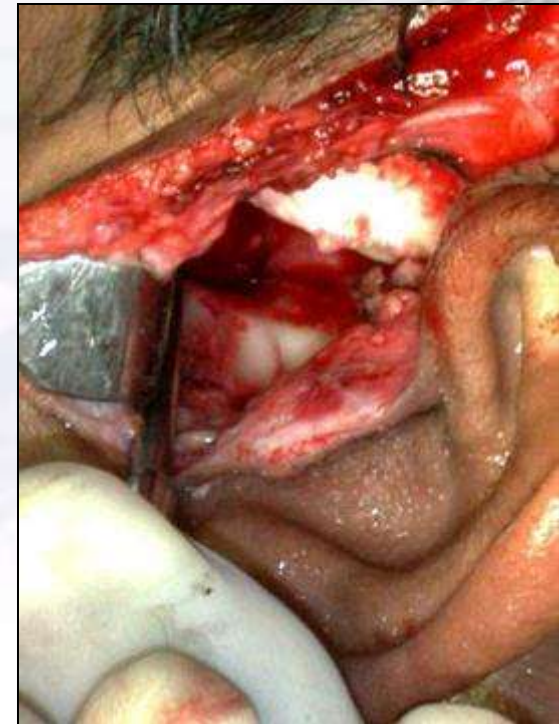
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# Oral sub mucous fibrosis (OSMF)

Characterized by limited opening of mouth and burning sensation on eating of spicy food.

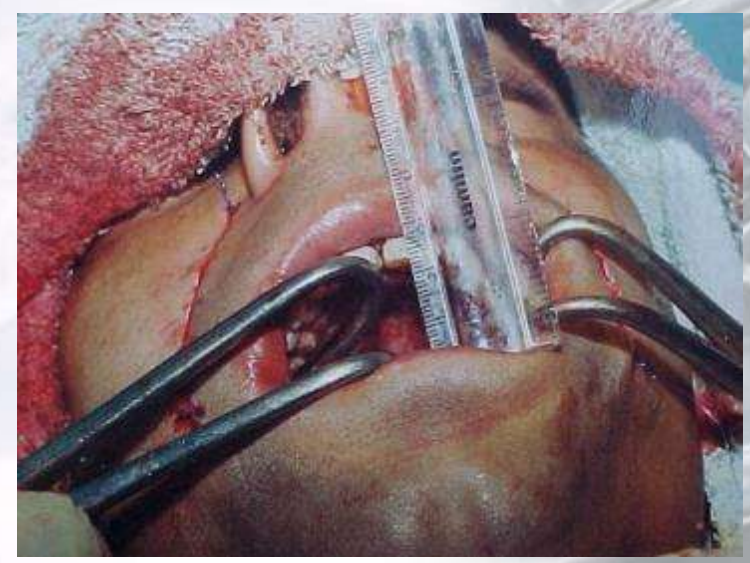
Progressive lesion

Mouth opening becomes progressively limited

Normal eating becomes difficult.

It occurs almost exclusively in Indian Subcontinent







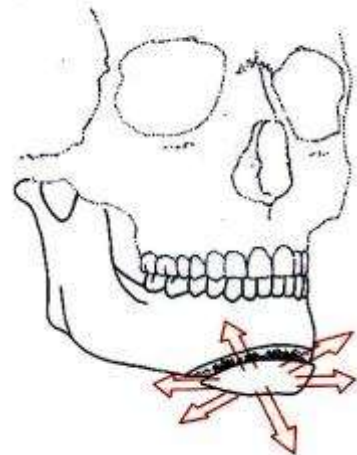
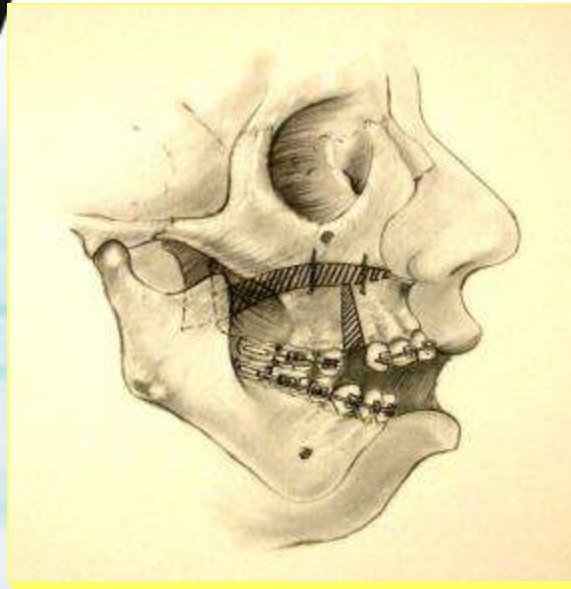
# ORAL PATHOLOGIC LESIONS

## ANEURYSMAL BONE CYST MANDIBLE





# AESTHETIC FACIAL SURGERY ORTHOGNATHIC SURGERY





# **AESTHETIC FACIAL SURGERY**

**ORTHOGNATHIC SURGERY**  
Vertical Maxillary Deficiency

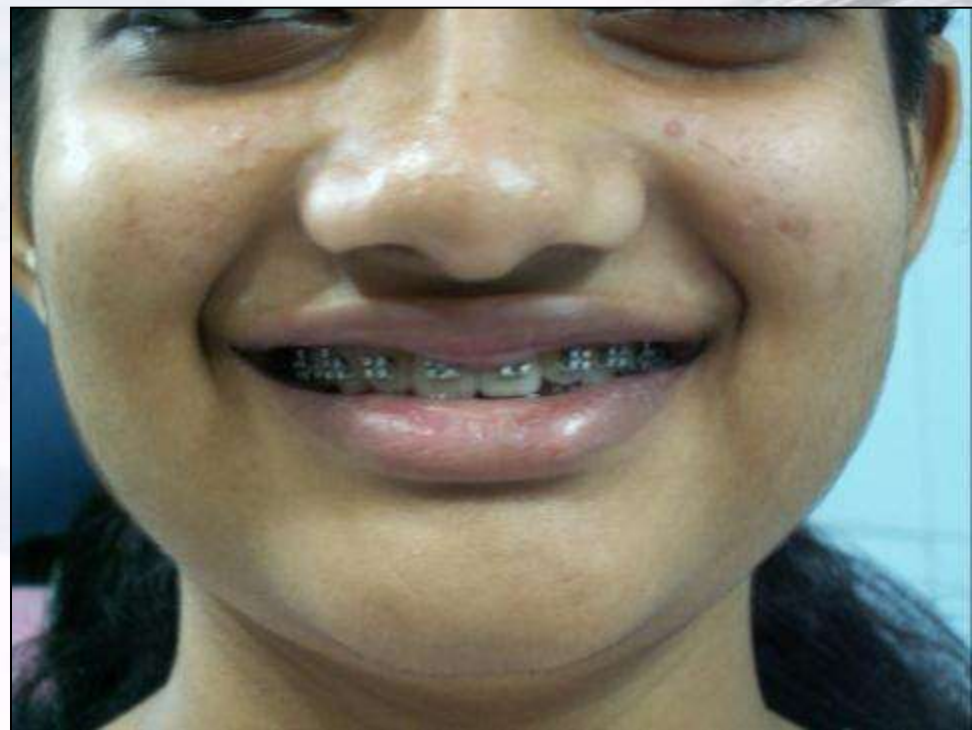




Pre - operative



Post - operative







Pre - operative



Post - operative



Pre - operative



Post - operative



Pre - operative



Post - operative



# **AESTHETIC FACIAL SURGERY**

## **ORTHOGNATHIC SURGERY**

**Vertical Maxillary Excess**





Pre- operative



Post- operative



Pre- operative



Post- operative



Pre- operative

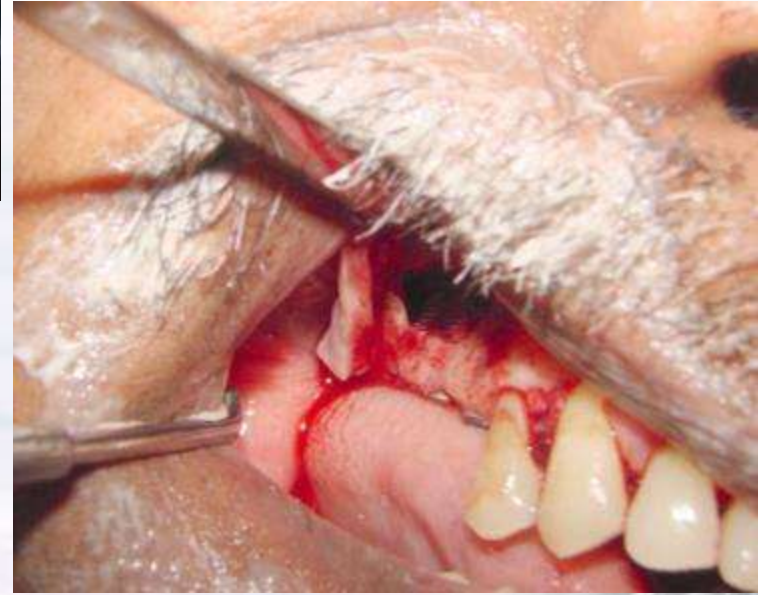
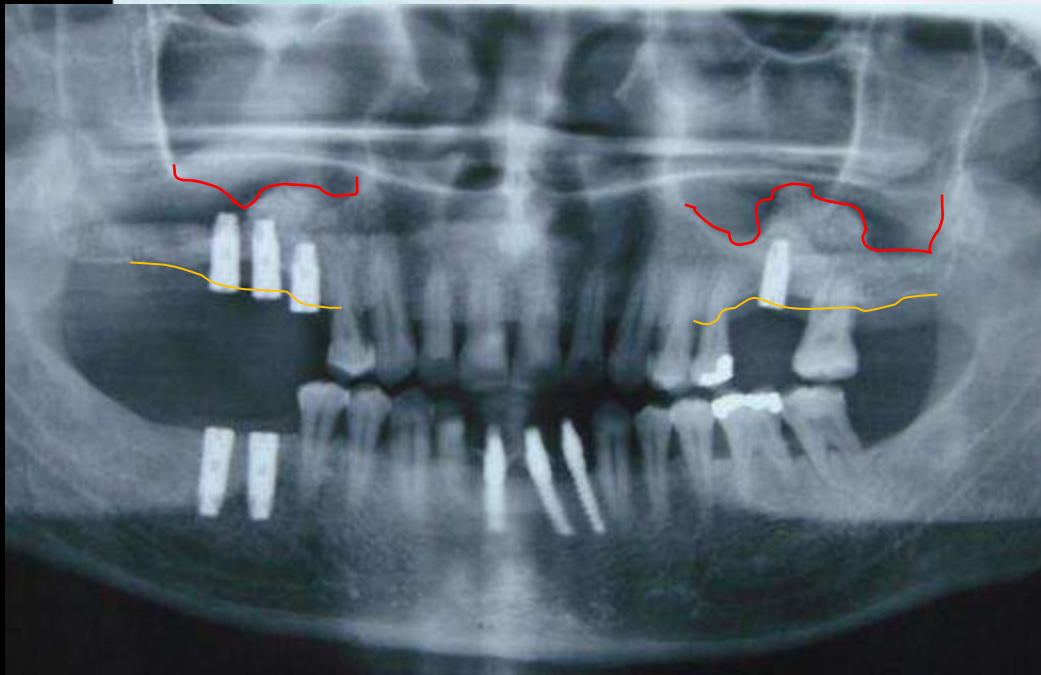
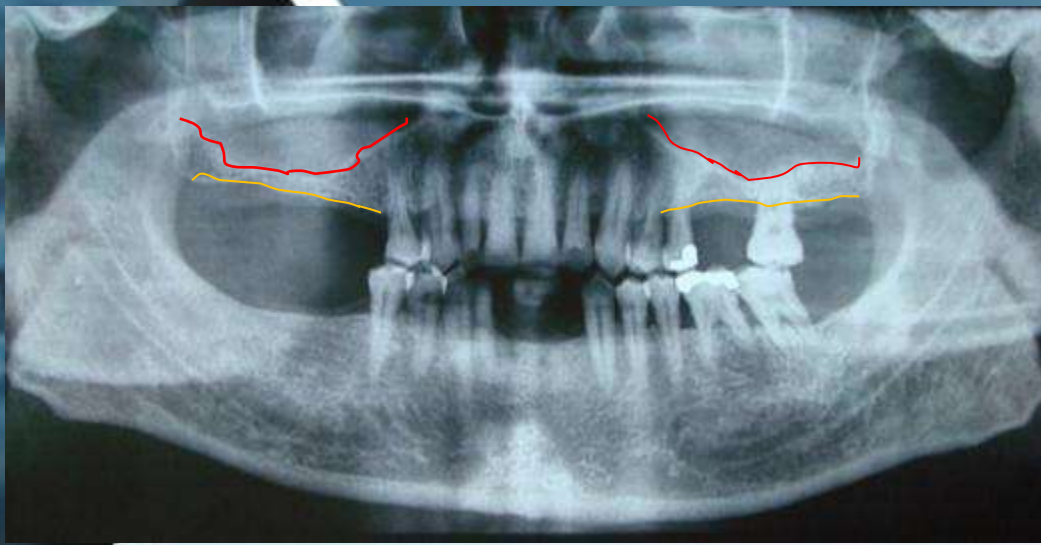


Post- operative



# **DENTAL IMPLANTS**





Dental implants with sinus floor grafting

# THANK YOU



**Dr. NEERAJ SINGH**

Ph: +91-9911357346

[neerajsinghdoc@gmail.com](mailto:neerajsinghdoc@gmail.com)



**Dr. BIJOYESH MARDA**

Ph: +91-9810640230

[mardabijoyesh@gmail.com](mailto:mardabijoyesh@gmail.com)