

# THE ROLE OF ENDOSCOPE IN DENTISTRY





**Digital Version** 



Endoscopic endonasal surgery (EES) by it extended applications has a big role in dealing with many diseases facing the dentists like tooth escaping to the maxillary sinus or the cases of oroantral fistula ,so the relation between the endoscopist and the dentist is very crucial to tackle these unanticipated cases .

## EES INDICATION IN THE DENTISTRY AND MAXILLA FACIAL SURGERY

EES is the best treatment for most sinus problems; moreover it has a big effect in other indications in the field of ophthalmology, neurosurgery and maxillofacial surgery.

## **1.FOREIGN BODIES IN THE SINUS:**

Dentist can face escaping of dental root to the sinus sometimes, and the

endoscope is the best way to remove this body easily with out any incision.

#### **2.OROANTRAL FISTULA**

We cannot close these fistulas without confirmation that there is no functional disease in the sinus, otherwise failure is the inevitable result.

## **3.DENTAL IMPLANT**



Endoscopy can be very helpful in the all the steps of dental implant pre-periand post dental implant. Before the implant it should be ruled regarding any problem in the maxillary like thickening of mucosa, and additionally most of the complication of the dental implant can be resolved endoscopically, if they are related to the maxillary sinus.

### 4.MAXILLARYCYSTS:



Endoscopy can manage many kinds of maxillary cysts with different origins without any external incision.

## CONCLUSION

Endoscopic surgery now a day replaced the most pervious traditional surgery (like Caldwel – luc ), and the dentists should know it is advantage and characteristics', and the maxilla facial surgery should practice it in many cases to get the optimal service the patient.





PLEASE SCAN FOR THE LOCATION



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