

Non-surgical treatment of maxillary sinusitis

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I. Introduction

The maxillary sinusitis have many infection sources and these infections have many pathways. But, odontogenic pathway of sinus infection can be controlled by dentists only.

Many clinical cases have shown the way of treatment of maxillary sinusitis-medication, surgical operation, non-invasive treatment et al. These cases are based on the precise diagnosis of the disease origin and on the correct treatment procedures. If the root canal treatment is done at the appropriate time on the correct tooth for dental origin maxillary sinusitis, maxillary sinusitis could be healed with non-invasive treatment.

II. Case Presentation

1. Sex/age : M / 15

2. Chief Complaint (C.C) : painful gingival swelling on left upper premolar region.

3. Past Dental History (PDH) : not specific

4. Present Illness (P.I) : not specific

5. Impression

: He came through periodontal department. In the view of standard film, large periapical abscess lesion was detected on #24, #25 area. He appealed mild positional pain and headache. Additionnaly panorama film was taken and it showed mucosal thickening of left antrum and left antral wall destruction. So I diagnosed this as the maxillary sinusitis from periapical abscess.

6. Tx Plan

: Root canal treatment and medication (antibiotics, antihistamine)

III. Conclusion

By the root canal treatment and medication, maxillary sinusitis was healed completely inclusively antral wall regeneration. Indeed this result based on the diagnosis that odontogenic origin caused maxillary sinusitis.