Surgical Exposure of Impacted Upper Incisor and its Proper Alignment in the Dental Arch

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Abstract
Surgical exposure of impacted upper incisor is very complex. For fixed orthodontic treatment rehabilitation is the first choice of treatment for correction of malocclusion. A clinical case report of a 13-year-old boy with an unerupted maxillary right upper incisor treated by surgical exposure and orthodontic treatment. The tooth was aligned in the dental arch with acceptable aesthetic and functional justification of the patient.

Key Words: impacted tooth, surgical exposure, fixed orthodontics

Introduction
Permanent levels eruption failure can create orthodontic problem. A localized problem is typically created by displacement of a permanent tooth from its natural eruption path due to which the tooth becomes impacted and mandibular canine is most often affected. Impaction of upper central incisor is not a common problem for the orthodontist. This type of tooth can be managed by both surgical and orthodontic approaches. The patient presented in this case report, exhibited a challenging and difficult impaction of left upper central incisor, the extraction of which required orthodontic traction of impacted tooth after being surgically exposed. The patient was treated by surgical exposure of upper left central incisor immediately followed edgewise fixed appliances was fitted and then in orthodontic way brought into the dental arch with proper alignment.

History and Clinical Examination:
A 13-year-old boy reported to the department of
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Surgical exposure of impacted tooth was completed (Fig. 3).

Results
One year after the initial treatment, the patient was consulted again with post and post-treatment records. A Class I incisor relation was achieved with optimal overbite and over jet relationship (Fig. 6). The post treatment radiographs and orthodontic radiography revealed a complete eruption of upper left central incisor. The root of the tooth was fully erupting, tapering upper anteriorly and lingually gradually laterally. After the incisor erupted, banding was set on the labial surface of tooth and bonding was set.

Discussion
Surgical exposure of impacted incisor is often done together with orthodontic treatment to achieve the proper alignment of the tooth. This case shows an excellent result of surgical exposure and orthodontic treatment. In this case, the patient was successfully treated with surgical exposure and orthodontic treatment and the tooth was properly aligned in the dental arch.

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