Dental prosthetic for a 5 year old child



FIXED FUNCTIONAL AESTHETIC APPLIANCE: A GOOD SAMARITAN FOR 5 YEAR OLD CH

DESCRIPTION Up to 250 words summarising the importance of the image(s)

Deciduous maxillary incisor's early loss leads to linguo distal inclination, space loss, of anterior incisor segment and midline shift. ^[1] Missing upper front teeth causes par functional habits, depression leading to psychological problems, difficulty in pronunce leading to reduced level of confidence. ^[2] A 6 year old boy reported to dental clinic vechief complaint of missing teeth in upper front region (Figure 1, 2 and 3). Parents resulted that the child had trauma and avulsion of upper anterior teeth while child was running months back. Medical and family history was not significant. On intraoral examination 53, 54, 61, 62, 63, 64, 72, 73, 74 teeth were missing. Root stumps in relation to 82, and dental caries with respect to 75 and 85 were found. Build of the child was normal age. Orthopantogram confirmed completely avulsed upper incisors (Figure 4).

were extracted. Fixed anterior aesthetic space maintainer was given in relation to 52 54, 61, 62, 63 and 64. Design consisted of two parts: a U shaped wire adapted to ba other part to engage artificial teeth (Figure 5 and 6). After soldering casts were mou hinge articulator and B1 shade was selected followed by teeth setting (Figure 7). Apply was cemented with luting glass ionomer cement. For 72, 73, and 74 no treatment was performed since the succedaneous teeth was already in the process of eruption. The occlusion was evaluated for any premature contact (Figure 8 and 9). Patient was recafter 6 months for follow up (Figure 10). Rehabilitation of primary anterior teeth aest

Pulpectomy followed by stainless steel crown was performed on 75 and 85. 82, 83 at

LEARNING POINTS/TAKE HOME MESSAGE 2 to 3 bullet points - this is a required field

has psychological effect on the child's self-esteem. [3]

- Loss of tooth in child leads to inability to eat and chew which may cause poor of habits resulting to weight loss therefore rehabilitation treatment options shoul considered.
- Under five years of age children with anterior tooth loss are affected socially as children who attend day care or preschool programs may become aware of the appearance.
- Absence of maxillary anterior teeth, the lingual sides of which are needed by the tongue for certain phonation, may result in improper speech they have difficult pronunciation of letters like S, Z and Th.

REFERENCES Vancouver style (max 3)

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