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## Anterior Teeth Reconstruction of type 2 amelogenesis imperfecta using root submergence and customized anterior guidance –A Concept and technique

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**Abstract:**

**Aim** – The clinical case report presents a 19 year old young male with type 2 Amelogenesis imperfecta and its functional, esthetic conservative reconstruction of its anterior teeth.

**Description** - Amelogenesis imperfecta is a complex group of inherited conditions affecting the enamel in both primary and permanent dentition causing unesthetic, worn out, mottled teeth appearance. The case report describes a young patient with type two amelogenesis imperfecta showcasing severely decayed almost worn out anterior teeth. A systemic approach combining root submergence technique by submerging the lower anterior teeth, followed by endodontic treatment of remaining upper and lower anteriors and rehabilitating them with PFM crowns by customizing a new anterior guidance for the patient which is in harmony both functionally and esthetically.

**Conclusion** - ‘Root banking’ or the ‘Root submergence’ technique helps in maintaining the bone ridge dimension and pontic compared to 50% of bone loss which occurs post extraction, the anterior guidance of the patient should be stable, functional and should be protecting the posterior teeth in all excursions so fabricating a new anterior guidance and then transferring the same features from provisional to permanent restorations is known as the customized anterior guidance technique which gives a better prognosis to the case.

**Keywords**- enamel hypoplasia, enamel defect, sub mucosal retained roots, socket preservation, custom anterior guidance root banking, anterior rehabilitation.

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