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A Modified Tooth Preparation Technique for Fabricating Maryland Bridge To Functionally Rehabilitate An Edentulous Space In Esthetic Zone – A Case Report

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ABSTRACT

Aim: This case report refers to a 19-year-old girl with avulsion of the upper left central incisor and its functional, esthetic replacement.

Description: The prosthetic restoration of small edentulous spans poses a dilemma when the adjacent teeth do not require crowns. It is difficult to justify an extensive reduction of the adjacent teeth to support a conventional fixed partial denture. The case report describes a young patient with avulsed maxillary central incisor following trauma. A systemic approach is presented, for the restoration of the lost tooth structure, with minimum preparation of abutment teeth.

Conclusion: Resin-bonded bridges (e.g., Maryland bridge) are a highly effective treatment option in these situations to restore oral function and aesthetics and result in high levels of patient satisfaction. They offer minimal removal of the tooth structure, minimal potential for pulpal trauma, supragingival margin preparation and reduced time and cost.

Keywords: Resin-bonded fixed dental prostheses, Maryland bridge, Fixed dental prostheses, resin cement, Minimally invasive, Esthetics

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