



Journal of Prosthodontics Dentistry
An Official Publication of Bureau for Health & Education Status Upliftment
 (Constitutionally Entitled as Health-Education, Bureau)

Combination of lithium disilicate veneer and layered zirconia crown to restore fractured and discoloured maxillary central incisors: a case report

Dr. Amrit Assi¹, Dr. Akshay S Upmanue², Dr. Dushyant Soni³, Dr. Janhabi Pathak⁴

¹Senior Lecturer, Department of Prosthodontics, Vyas Dental College, Jodhpur, Rajasthan

²Post-graduate student, Department of Prosthodontics, Vyas Dental College and Hospital, Jodhpur, Rajasthan

³Professor, Department of Prosthodontics, Vyas Dental College, Jodhpur, Rajasthan

⁴Private Practitioner, Barpeta, Assam

Corresponding Author: Dr Akshay S Upmanue

Email Id: serviceheb@gmail.com


ABSTRACT

Aim: This case report refers to a 20-year-old male with a fractured upper right central incisor and a root canal treated and discoloured upper left central incisor and its esthetic rehabilitation.

Description: Esthetic rehabilitation of a root canal treated and a fractured central incisor with dental composites is a challenging task because the use of composites is associated with problems like caries below the restoration, fracture of restoration margin, polymerization shrinkage, decreased fracture toughness, incomplete conversion of monomer to polymer and the danger of exposure to bisphenol-A. An organized approach is presented to restore a fractured and a non-vital tooth with superior esthetic restorations.

Conclusion: Use of lithium disilicate crown and veneers in rehabilitations of fractured and root canal treated teeth maintains esthetical and functional aspect with increased patient acceptance and satisfaction.

Keywords: Esthetic, lithium disilicates, all ceramics, ellis class II fracture, non-vital tooth, maxillary left central incisor, maxillary right central incisor.

Access this Article Online	Quick Response Code: 
Website: http://heb-nic.in/jopd	
Received on 27/06/2022	
Accepted on 07/07/2022 © HEB All rights reserved	