

**Title:** Restoration of endodontically treated tooth; Post and Core

(쉽게 하는 Post & Core)

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### **Abstract**

Endodontic treatment can result in significant loss and weakening of tooth structure. Tooth structure lost during endodontic treatment decrease the fracture resistance of tooth, so that the aim of the restoration of endodontically treated tooth are the protection of the remaining tooth structure from fracture, rehabilitation of structurally and functionally compromised tooth, and the prevention of infection of root canal system. The use of a crown built on post and core had been a conventional option for the restoration of endodontically treated tooth, however, more esthetic and less invasive restoration options are now available according to the advance of materials and techniques.

This lecture will highlight the general information, clinical tips and recent advances on the post and core system. Also, the various recent dental materials such as universal adhesive will be introduced when those are used for the post-endodontic restoration.

### **Content**

Features of Endodontically treated teeth

Fiber-Reinforced Composite Post,

Incompatibility between Simplified Dentin Adhesive and Dual-cure Core Composite

Clinical Procedures of Post & Core

### **CV**

2008 DDS, College of Dentistry, Chonnam National University

2014 Ph.D, Conservative Dentistry, Chonnam National University

2012 Clinical Fellow, Department of Conservative Dentistry, Yonsei University Dental Hospital

2013-2016 Clinical Assistant Professor; Department of Conservative Dentistry, Kyung Hee University Hospital at Gangdong

2017-Present Assistant Professor; Department of Conservative Dentistry, School of Dentistry, Kyung Hee University,