

Fiber Post vs Casting Post

Dr. Seung Kyu Lee

Prosthetic restoration of root canal treated teeth is often disadvantageous esthetically and structurally compared to living abutments. In particular, posts and cores are needed when there is insufficient structure on the abutment teeth.

It is clear that the role of the post is to maintain the core.

In cases where residual structure on the abutment teeth are insufficient, the decision on whether or not to post should be made after preparation of the abutment teeth.

In principle, the post process should be performed after preparation of the abutment.

Among the failure causes of post-restored prostheses, post debonding is the most common cause. Therefore, in order to prevent failure, care must be taken not to debond the post.

Posts can be divided into fiber posts and cast posts according to the process and material.

In order to prevent the fiber post from falling off, the following five factors are important.

- 1) Quality of the abutment
- 2) The length and diameter of the post
- 3) Ferrule
- 4) Debridement inside the root canal
- 5) Adhesion of the core

These five factors apply similarly to casting posts.

In this lecture, we will learn about the indications for fiber posts and casting posts, and find out what clinicians should do to reduce failures through clinical

- * Profile
- * Graduated at the University of Kyung-Hee, Dental College
- * Prosthodontic training in Kyung-Hee Dental Hospital
- * Since 2004, Private Practice(April-31 Dental Clinic) in Seoul, Korea