

## Laminate Veneer, Case by Case

Dr. Jon Guk Park

Recently, the production of laminates veneer can be divided into the existing building-up method through manual manufacturing and the method designed and processed by computers using CAD/CAM. As a result, the materials used include feldspar, lithium disilicate, etc., and you can use one material or a mixture of various materials. In this presentation, we will learn about these various methods and materials and talk about their pros and cons.

Depending on the method and material of the laminate veneer, the duration of the laminate and the characteristics of the result will inevitably vary. In the case of manual manufacturing through Build-up, it takes at least one to two weeks and requires a professional technician. You can make lithium disilicate from a single material through manual manufacture, or build-up using feldspar on top of lithium disilicate. Or it can be built with only feldspar using a fire-resistant model.

The biggest advantage of CAD/CAM systems is production time. It has the advantage of being able to make it on the same day if necessary, and you can also build a feldspar on it through cut-back design. However, the biggest advantage of shortening time disappears, so it is often not built in general. As a result, the production of laminating by CAD/CAM systems is mostly made from a single material, which has its advantages and disadvantages.

CAD/CAM systems may also have different machining times and different results depending on which ceramic blocks are used.

It is the most important thing in dental surgery to produce the best results by using various manufacturing methods and materials according to the case. You need to understand the pros and cons of the production method and the pros and cons of the material so that you can choose the right production method and material for the case and get the best results.

### Profile

- \* SNU College of Dentistry
- \* SNUDH intern
- \* SNUDH Conservative Dentistry Resident
- \* SNU School of Dentistry M.S.
- \* Director of Dream Dental Clinic