

## **Understanding of Various Digital Dental Materials and Precautions to be Taken in Handling them in the Clinic**

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The process of creating artificial teeth based on digital dentistry can be broadly divided into data acquisition, design, and manufacturing. The manufacturing method can be divided into subtractive manufacturing, which involves milling by removing material, and additive manufacturing, which involves 3D printing by adding material. These changes in the manufacturing process have also brought significant changes in the characteristics of dental materials. Clinicians need to have sufficient understanding of these new materials and know their different usage methods compared to conventional materials.

In this lecture, I will explain the differences between conventional materials and digital dental materials, the classification of digital dental materials, and the characteristics of digital dental materials. Based on this knowledge, I will discuss the selection method of digital dental materials and the precautions to be taken in handling them in the clinic.

### Profile

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