

## The Realization of A Dentist's Inventiveness - Various Utilizations of CAD/CAM

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In recent years digital transformation has been rapidly progressed in dental practice, especially in prosthodontics. At the same time dentist's interest about digital practice has grown up.

There are several advantages to digital dentistry over analog dentistry, such as precise and accurate restorations, more comfortable for patients and better communication and collaboration between dentists and dental laboratories. In addition to this, patient's data obtained from digital devices such as scanner and digital topography could be transformed to the ideal form by CAD. And the results could be manufactured to the real prostheses by CAM. Analogue dentistry using traditional methods of performing dental treatments by hand-held tools have its limitations, but in digital dentistry limitations can be surmounted and dental treatments can be performed more conveniently and widely. In spite of these advantages of digital dentistry, most of dentists use digital technique in only a few kinds of treatments.

In this lecture, various methods of performing digitalized practice and utilizations of CAD/CAM in dentistry will be shown.

### Profile

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