



Professor Dr. Atef Shaker, Egypt

UNDERSTANDING MACHINABLE CERAMICS

Ceramic machining has attracted the attention of dental profession since CAD/CAM production in the dental field. Ceramic materials have good color quality for dental restorations, but are generally brittle to be cut using regular cutting tools.

Recently, machinable ceramics, which can be cut using lathe, are introduced generously to the dental market to satisfy every situation in the dental treatment.

In many situations, clinicians as well as laboratory technicians are confused about using one type of ceramic or another, and this leads of misuse and consequently mechanical or esthetic failure.

This lecture is intended to focus on different types of machinable ceramics available in the market, properties, characteristics and indications of use.