

## Ceramic and Cementation

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Ceramic has been used widely during these years. The reasons behind this include the innovation of CAD/CAM process and the advancement of high-translucent ceramic materials. Among these ceramic materials, lithium disilicate and zirconia are the most popular in the market. In this lecture, the characteristics of different ceramic materials regarding their mechanical properties, esthetic properties, and clinical applications

will be covered. Besides, the differences between the way to bond lithium disilicate and zirconia materials will be discussed in detail. Participants will learn how to choose ceramic materials for different clinical scenarios and the technique to effectively bond lithium disilicate or zirconia materials. The newly invented bioactive materials for cementation will be also discussed.