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### *Getting successful all-ceramic restorations*

As demands for esthetic restorations continue, new technologies have improved the material properties and developed new methods for its use. Considerable researches have been directed toward improving the properties of ceramic materials for dental purposes. Now a day's all-ceramic restorations provide the most esthetically pleasing restorations available. They match the natural tooth structure accurately in terms of color, surface texture and translucency. While dental ceramics possess numerous positive attributes, they also exhibit a number of disadvantages. The chief disadvantage of early restorations was their low strength which limited their use to low stress situations, such as anterior teeth. Even so, fracture was a fairly a common occurrence. In general, the experienced clinician has learned to compensate for some of the disadvantages of ceramics. Different materials and techniques of construction were used to strengthen the ceramic restorations. So they can be used successfully in areas of high stresses and for construction of fixed partial dentures. To get successful all-ceramic restorations we have to select the case carefully and look to the detailed procedures as preparation, impression, provisional restorations, shade selection, type of ceramics and cementation trying to do them perfectly. This review will point to detailed procedures to get successful all-ceramic restorations.

### **Biography**

Mohamed Awad, BDS (Egy), MSc (Egy), PhD (Eng) is an Associate Professor, Fixed Prosthodontic Department, Faculty of Dentistry, Tanta University, Egypt and Visiting Professor at King Abdulaziz University, Saudi Arabia. His work was concentrated on Fixed Prosthodontics researches. He published several papers at international dental journals. Dr. Awad is the president of Egyptian Association of Dental research section of international association for dental research since July 2010. He finished his Bachelor (1983) and Master degrees (1989) from Tanta University, Egypt and PhD degree from University Dental hospital of Manchester, United Kingdom in 1996. He was head of Fixed prosthodontics Department in King Abdulaziz University from Sept. 2003 for one year. He gave several courses to Saudi Board students and he was course director for fixed prosthodontics for preclinical and clinical courses for several years.

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