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# A million dollar smile-Case report

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The demand for the dentistto achieve excellence in aestheticsand function has driven modern advancesin materials and restoration fabrication. The development of various casting alloys and precise casting systems has contributed to the successful use of metal-based restorations. However, patients' requests for more aesthetic and biologically 'safe' materials have led to an increased demand for metal-free restorations. Metal-free prosthetic materials offer unprecedentedstrength without compromising theaesthetics and biocompatibility of traditionalall-ceramic systems. The metal-ceramic crown system still is selected the most frequently because of its strength and versatility, but when esthetics of the anterior region is a prime concern, the all-ceramic crown is still an excellent choice. Choice of which all-ceramic system to use is dependent on the strength demands, esthetic needs, amount of tooth structure that can be preserved, and laboratory support available. CAD/CAM-based system utilizes porcelain on a zirconium oxide framework. This system offers a more lifelike substrate than did previous systems, utilizing eightshades of colorable frameworks that helpcreate vital, natural-looking crown and bridgework. The future in ceramic restorative dentistry may be in the computer-generated crown if ways to develop internal coloring and layered building can be developed and cost can be controlled.

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