

# Top 5 Reasons to Choose Porcelain/Milled Titanium Crowns and Bridges for your Patients...

With GOLD recently hitting the \$1000 mark and PLATINUM topping \$2000/oz, our phone lines have been buzzing with questions about the many benefits of choosing our **Porcelain fused to CAD/CAM milled Titanium restorations** known as **Tassi-Ti™**. **Here are the TOP 5 Reasons to choose Porcelain/Tassi-Ti™ ...**



**#1 Biocompatible...** A benchmark for biocompatibility, Titanium is also classified as hypoallergenic. Using AMA/ADA/FDA approved Medical Grade, Titanium Alloy (used for decades in both medical joint replacement & dental implant technology), **Tassi-Ti™ Crowns and Bridges were exhibited at the March 2008 International Academy of Oral Medicine and Toxicology Conference in Chicago.**

Titanium is totally resistant to attack by bodily fluids and is not recognized by the body as a foreign material. **With the application of unique, new dental porcelains to titanium, dentists can prescribe the most advanced and biologically safe porcelain to metal crowns & bridges.**

**#2 Low Cost, Price Stable...** At **\$105/unit INCLUDING Alloy,**

Tassi-Ti™ Crowns and Bridges, (Made in the USA) allow for accurate forecasting of your profit margin per case without the unpredictability of the fluctuating alloy market. **The ADA Council on Scientific Affairs has placed titanium and titanium alloys, because of their excellent biocompatibility, between high noble and noble alloys in the revised classification system . Due to this classification, it is possible for Dentists to receive High/Noble insurance compensation using the ADA Code D2794.** With Tassi-Ti™ Crowns and Bridges, we can give you the esthetics of a high noble metal at a base metal cost!



**#3 X-Ray Image Radiolucent...** Titanium is X-Ray radiolucent, allowing you to clearly see the pulp chamber under a cemented crown and to diagnose secondary caries without removing the fixed prosthesis. "Clearly", this cost and time-saving feature will be appreciated by both the dentist and patient!

**#4 Low Thermal Conductivity & Extremely Corrosion Resistant...** Titanium also exhibits very low thermal conductivity, which prevents irritation to the pulp due to high/low temperatures in the patient's mouth. It is totally resistant to attack by bodily fluids and chemically inert in all body temperatures. In addition, titanium exhibits unique heat transfer properties that make it a better insulator than most current dental metals. This reduces the risk of hot and cold sensitivities that are sometimes experienced by patients after receiving conventional crowns. Testing has shown it to be extremely corrosion resistant. The resistance to corrosion is based on its high affinity for oxygen, which causes it to immediately form a micro-oxide surface layer upon exposure at room temperature. This thin membrane is a super-strong protective shield that keeps the titanium from interacting with surrounding materials, making it an excellent choice for allergic individuals.



**#5 Precision Milled High Strength...** **CUSTOM MILLED** (NOT cast, which may change the molecular structure) **at our laboratory using the KaVo Everest CAD/CAM,** Tassi Ti™ Crowns and Bridges are produced using groundbreaking 5 axis KaVo technology for unprecedented accuracy. A **JADA report on Titanium applications in dentistry** states that "many of titanium's physical and mechanical properties make it desirable as a material for implants and prostheses. The strength and rigidity of titanium are comparable to those of other noble or high noble alloys commonly used in dentistry, and titanium's ductility, when chemically pure, is similar to that of many dental alloys."



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