



# ORIGIN<sup>®</sup>

Precision Digital Solutions - Driven By Innovation

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Titanium is x-ray image radiolucent.

## Titanium Advantages at a Glance

### Titanium is low cost and price stable

Titanium is significantly less expensive than gold. Historically, titanium has not been subjected to the fluctuations in the highly volatile alloy market

### Titanium is highly profitable

The ADA Council on Scientific Affairs has recently classified titanium between noble and high-noble alloys. Because of this new classification, dentists may now charge insurance companies between noble and high-noble rates using ADA Code D2794.

### Titanium is the most bio-compatible metal available

Titanium does not release ions and does not trigger allergic reactions in the body. It has proven to be very effective in human medicine and dentistry.

### Titanium is x-ray radiolucent

Titanium is X-Ray radiolucent allowing dentists to clearly see underneath the cemented crown without removing it in order to diagnose problems.

### Titanium has low thermal conductivity

The patient can enjoy hot or cold food without experiencing dental pain. Titanium has a thermal conductivity of 15 times lower than gold, causing the patient to feel lower sensitivity to hot or cold.

### Titanium is light

This proves more comfortable for the patient. Gold is four times heavier, which is noticeable in large bridge framework.

### Titanium has a high strength, without being too hard or too soft

Titanium can withstand the tremendous forces generated during mastication. Titanium is easy to process in the dental laboratory.



### ORIGIN NobleTitan™

- Titanium is one of the most bio-compatible metal available
- ADA classified pure Titanium
- Ideal CAD/CAM substitute for base metal & noble metal
- Major insurance companies cover Titanium prosthetics at higher allowance than even noble metal



*Time Tested German Porcelain System for Both Titanium and Zirconia*