



DigitalSmile Innovations
A Full Service Digital Dental Laboratory

PORCELAIN & METAL

**METAL STRENGTH, PORCELAIN BEAUTY – A
FUSION OF DURABILITY AND AESTHETICS**



INTRODUCTION

PFM's

The gold standard for the repair of damaged teeth

Digital Smile's **Porcelain Fused-to-Metal** is still a predictable, tried, and true option for dentists who want a combination of both durability and esthetics. We use state-of-the-art CAD/CAM software to design all metal copings. We digitally compute cement space, automatically detect margin, determine undercut areas, and optimize porcelain support. This technology has elevated our PFM restorations and provided our clients with a superior restoration.

Full Cast

The friendliest restoration

Full Cast Restorations has a long successful history and has been a preferred choice for clinicians because of its longevity and functional properties. With precious, semi-precious, and non-precious metal options, full-cast properties remain a proven material choice for a broad spectrum of clinical needs.

In addition to being non-corrosive and hypo-allergenic, gold is the most non-toxic and biocompatible metal used in dentistry. Gold margins do not break or chip, even with Polish and wear. Gold's wear rates and COTE are very similar to enamel and thus accomplish a better natural fit.



We use the latest technology to design our full cast restorations and we source alloys from dependable suppliers. Our high noble has over 60% gold, platinum, and or palladium contents. This alloy is one of the easiest to adjust. Our noble/semi-precious alloys have over 25% noble metal content, and our base/non-precious metal contains less than 25% noble metal content. Many base metal alloys contain nickel, chrome, and beryllium.

All Ceramic

Offering supreme esthetics, versatility, and proven strength

The **All Ceramic IPS e.max** is a leading-edge alternative to metal-based restorations offering supreme esthetics, versatility, and clinically proven strength. When esthetic cannot be compromised, e.max offers many advantages; a structural strength of up to 400 Mpa, neutral translucency, wear compatibility, and excellent margin adaptatipons.

IPS e.max is best prescribed for anterior crowns and veneers. An e.max crown is an all-ceramic restoration that is stronger than stacked porcelain. With e.max, you can achieve a beautiful and cementable ceramic restoration without the underlying metal structure.

