# PRODUCT PROFILE

NAME OF PRODUCT: Titanium PFM Crown and Bridge

MANUFACTURER: DCS CAD/CAM Technology

BRIEF DESCRIPTION: Pure medical grade 100% titanium

BENEFITS FOR DOCTOR'S OFFICE:

Cost
Computer controlled fit
Bridges are light weight and have high mechanical stability

BENEFITS FOR PATIENT:

Biocompatible to body and oral tissue

WHAT TO SEND LABORATORY:

Impression of prepared teeth, with opposing and bite registration
Shade

INDICATIONS: Lower cost C&B with excellent metal properties
Ideal for long span bridges
Patients with metal allergies

CONTRA-INDICATIONS None

*Revised 10/06*

PREPARATION INSTRUCTIONS:

Traditional crown preparation
1.0 mm chamfer or shoulder margin
1.5 - 2.0 mm overall reduction

DAYS IN LAB: 8

SEATING INSTRUCTIONS: Any traditional cement
Cement spacing thickness can be computer adjusted to your preference.

AFTER CARE: Routine

INSURANCE CODE: D2794 crown - titanium
For bridge
D6794 crown - titanium
D6214 pontic - titanium

CHAIRSIDE INSTRUCTIONS: Use copious water spray coolant when adjusting or cutting metal.

Hygiene Appts: Do not scratch any exposed metal with prophy instruments or ultrasonic scalers. Use coated instruments like those used for implants.

TESTIMONIALS & QUOTES:

"Titanium and titanium alloys, based on their physical and chemical properties, appear to be especially suitable for dental implants and prostheses."
*ADA Council on Scientific Affairs JADA March 2003 Vol 134 pp 347-349.*

"Clinical Research Associates has conducted research in CAD/CAM restorations for many years. What was once an interesting novelty or hobby has progressed into a remarkable useful tool for quality dentistry."
*Christensen, Gordon J. DDS, MSD, PhD. "Implant Dentistry Made Easy" Perspectives Summer 2003*

CLINICAL TESTING:

UNIVERSITY REPORTS

CAD/CAM: An Overview of Machines and Materials
*Boston University Goldman School of Dental Medicine, Dept. of Restorative Sciences and Biomaterials*