

The **Dentist** as an **Artist**



Tricia Griffin
Model

The artist:
Robert Nixon, D.M.D.
Beverly Hills, California

The Material:
Cosmedent's
Insure/Prevue System

For the first special report
"The Dentist as an Artist"
or to request a catalog...
Call TOLL FREE
USA and Canada

1-800-621-6729

Visit our web site:
www.cosmedent.com

COSMEDENT®

401 North Michigan Avenue
Suite 2500
Chicago, IL 60611

The Dentist as an Artist

Artistry of Indirect Laboratory-Based Esthetic Dentistry By Robert Nixon, D.M.D.

Inside

Smile Design

Esthetic Questionnaire:
What You Should
be Asking Your Patient

Four "Stagings"
of Potential
Smile Designs

Tricia Griffin, a popular California model, displays a captivating smile fashioned with eight ceramic laminate veneers cemented with Insure Yellow Red 90% and Insure Pink Opaque 10%. Tricia's smile and the subsequent esthetic makeovers were fashioned and photographed by Dr. Robert Nixon of Beverly Hills, California.

To capture the total potential of esthetic dental techniques and materials, the indirect laboratory-based side of appearance related dentistry must also be mastered.



In a previous special report, the importance of artistic skills in creating dental masterpieces was addressed. The impact of color systems, coordinated materials, characterizing methods, and chairside techniques was described and many helpful hints offered. The article centered primarily on direct resin bonding, an indispensable part of a contemporary esthetic dentist's repertoire. To capture the total potential of esthetic dental techniques and materials, however, the indirect laboratory-based side of appearance-related dentistry must also be mastered. The purpose of this special report is to present some additional artistic concepts, techniques, and materials that are beneficial to the "progressive" dentist in the realm of indirect laboratory-based esthetic dentistry.

Cover Story

The Dentist as an Artist

Artistry of Indirect Laboratory Based Esthetic Dentistry Front Cover

Robert Nixon, D.M.D.

Features:

Smile Design Page 2

Personalize the Treatment Plan

Esthetic Questionnaire Page 3

What You Should be Asking Your Patient

Four "Stagings" of Potential Smile Designs Page 4

Planning, Technique and Materials

Resources, Techniques & Tips

Porcelain & Indirect Resin Bonding Page 9

Dual-Performance as a Winning System

Insure Color Guide Page 11

Shades and Recommended Uses

All slides courtesy of Dr. Robert Nixon, Beverly Hills, California

All ceramic restorations by Daniel Materdomini, DaVinci Dental Studios, Woodland Hills, California

Copyright © 2009 and © 2000 by Cosmedent, Inc.

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system without permission in writing from Cosmedent, Inc.

THE DENTIST AS AN ARTIST

A cosmetic dentist designs a smile not solely for tooth form and function, but also for the personality, status, life-style, gender, or occupation of the recipient. The smile is seen as an integral part of the face or, in a larger sense, of the whole person. It is an expression of beauty, youth, age, persona, and uniqueness. To develop the nuances of “smile styling” to the fullest extent, a complete consultation must precede

Smile Design

any treatment phase. In addition, it is essential for the cosmetic dentist to have an awareness of current fashions, a perception of the patient’s expectations and self-image, and the creativity to

orchestrate this information into an attractive, relevant smile. Most importantly, in laboratory-based dental procedures, the dentist’s artistic partner, the dental technician, must be privy to all communication dynamics in order to assure predictability and excellence in the final esthetic restorations. To facilitate crystal-clear communication between the dentist, the patient, and the dental technician, a preliminary smile conceptualization is refined through several transitional stages that convert the verbal into the visual until a precisely defined, beautifully crafted esthetic rejuvenation is achieved. The artistic capability of the dentist, in conjunction with state-of-the-art technology, methods, and materials generally combine to produce this conversion. Let’s examine some of the key elements that contribute to this favorable outcome.

(continued)



An attractive actress is shown prior to facial plastic surgery and a maxillary and mandibular esthetic rejuvenation.



The same actress is shown after a facelift and 20 ceramic laminate veneers cemented with Insure Pink Opaque.

Smile Design

In order to satisfy our patients' esthetic desires, we must develop a treatment plan that represents a favorable balance between their needs and our capabilities. The key question is, what are their needs? Sometimes they are blatantly obvious; other times they are deceptively subtle. The first step in defining patients' feelings concerning their esthetic needs is to have them respond to an appropriate questionnaire. Many questionnaires are available on the dental market. Regrettably, some significant questions are often not asked, or they are asked in a manner that doesn't elicit a total response from the patient. Significant questions which should routinely be asked are listed to the right.

These questions qualify to a greater extent the exact reason(s) for the esthetic makeover as well as the degree that the patient or individuals other than the dentist will be involved in the design of the patient's new smile. The information clarifies the amount of "partnering" that the dentist will have to do in the course of treatment. It underscores specific desires as well as aversions that may not have been fully expressed in a standard questionnaire.

Properly structured, this esthetic questionnaire provides a focus from which the dentist begins to personalize the treatment plan. Supplementing the questionnaire should be patient education aids such as brochures, videotapes, color slides, articles, books, or smile albums that vividly illustrate the advantages of esthetic dentistry. Smile imaging by computer represents a high-tech system (Smile Art Communications, Los Angeles, CA 800/461-7707) capable of clarifying patient preferences even further. By this means, we heighten patients' awareness of what can be done in addition to gathering information on their specific needs. Staff enthusiasm, knowledge, and finesse in guiding a patient through this introductory phase is a significant plus towards establishing the necessary rapport. ■

The key question is what are their needs. Sometimes they are blatantly obvious; other times they are deceptively subtle.

SURVEY DIRECT

What is/are the most important feature(s) in your smile that you would like to change?

- Color Shape Alignment
 Length Intertooth Spaces
 Gum Display
 Other _____

What is/are the most important feature(s) in your smile that you would like not to change?

- Color Shape Alignment
 Length Intertooth Spaces
 Gum Display
 Other _____

In formulating the design of your smile, what degree of initiative do you (the patient) want to assume?

- Copartner with the dentist equally.
 Assume a dominant role.
 Delegate to the dentist a dominant role.
 Copartner with the dentist and a significant other.

How important is the appearance of the provisional (temporary) restorations placed between the tooth preparation appointment and the appointment for placement of the final restoration(s) (usually 1-week to several months)?

- a. Very important.
b. Somewhat important.
c. Not very important.

Aside from yourself, who is the next most important person you would want to like your new smile?

Four "Stagings" of Potential Smile Designs



In converting verbal input to visual dynamics, several "stagings" of a smile design besides imaging can be utilized to sharpen the patient's perception, to refine the nuances of the smile, and to encourage input from the patient concerning the design of the case.

1 Pretreatment Model Mockup

A conventional diagnostic wax-up of a duplicated pretreatment stone model is of modest value to the patient and of significant value to the dentist relative to tooth preparation visualization, formation of a vacuumform template for provisional restorations, establishing functional patterns, and evaluating possible interdisciplinary strategies.

A more sophisticated version of the diagnostic wax-up, the Master Diagnostic Model (MDM), with pink soft tissue and skillfully crafted, lifelike tooth forms and colors has been developed by Valley Dental Arts Laboratory (800-328-9157). The MDM potentiates patient acceptance of a treatment plan to a substantially greater degree due to its authenticity. It should be noted that the original, unaltered pretreatment stone model must always be retained for comparison to illustrate and dramatize the various changes.

2 Chairside Intraoral Mockup

Sculpting various smile enhancements such as space closures, fracture repairs, tooth lengthening, stain masking, and malformed tooth reshaping, directly in the patient's mouth, is an instantaneous, three-dimensional means of previewing proposed esthetic modifications. This visual blockbuster can be accomplished

in a non-invasive, totally reversible manner with light-curing composite resins. A high-speed shaping and slow-speed polishing can produce a smile enhancement that is very impressive.

Unsurpassed for usage in an intraoral mockup is the Renamel Microfill System (Figures 2a-2c). Possessing more shades than any other microfill and most accurately color-matched to the Vita



- 2a. *The pretreatment condition of a young female who has bleached her upper teeth extremely white as shown. Her natural right central incisor slightly overlaps at the midline and has a Class IV microfracture at the mesioincisal corner. Her left central incisor has a ceramic laminate veneer that is foreshortened at the incisal edge and is slightly discolored due to a stained endo tooth showing through the veneer.*
- 2b. *Provisional veneers for the central incisors, made with Renamel Hybrid's new light shade for bleached teeth demonstrate a good color match and resize the teeth to look younger and more symmetrical.*
- 2c. *Two carefully crafted ceramic laminate veneers, cemented with Insure White Opaque and Insure Pink Opaque, match each other in color as well as the other bleached teeth and reestablish optimal symmetry and length.*

“Unsurpassed for usage in an intraoral mockup is the Renamel Microfill System. Possessing more shades than any other microfill and most accurately color-matched to the Vita Shade guide, Renamel Microfill permits sculpting quickly, vitally, and invisibly to dazzle esthetic patients with the striking improvement in the appearance of their smiles. So compelling is the esthetic metamorphosis in some circumstances that the patient will request the makeover be done immediately by means of direct bonding.”

Shade guide, Renamel Microfill permits sculpting quickly, vitally, and invisibly to dazzle esthetic patients with the striking improvement in the appearance of their smiles. So compelling is the esthetic metamorphosis in some circumstances that the patient will request the makeover be done immediately by means of direct bonding. Although it is intended to be a preliminary glimpse of more extensive long-term treatment, many pearls of communication emerge from this underutilized method.

The new Renamel Flowable microfill is an additional light-curable esthetic material that can be used to rapidly fine-tune the intraoral mockup because of its superior handling qualities.

crowns and bridges, a challenging phase of treatment, the fabrication of provisional restorations, offers another opportunity for verifying the appropriateness of a smile configuration. Carefully designed provisional restorations, which successfully meet biologic, functional, and aesthetic criteria, provide a constructive foundation for the long-term restoration. Provisionalization is a practical means of obtaining feedback from the patient as well as the dentist and the technician on esthetic parameters, since the subjectivity of a smile can never be overemphasized. Ultimately, well-made provisional restorations that are pleasing to the



- 3a. Maxillary teeth exhibiting dark interproximal triangles, lower gingival levels on the right side, and some canine edge wear are shown.
- 3b. Maxillary teeth with 8 Renamel Hybrid provisional laminate veneers, in conjunction with some crown lengthening on the right side, provide a three dimensional guideline for the definitive restorations.
- 3c. Eight maxillary ceramic laminate veneers showing beautiful, but believable, color when cemented with Insure Yellow Red Light, correction of the interproximal dark triangles, and better bilateral symmetry in tooth length.

3 Provisional Restorations

Subsequent to definitive tooth preparation for esthetic restorations such as laboratory-fabricated ceramic laminate veneers, ceramic crowns, fiber-reinforced polymer ceramic crowns and veneers, and 360° butt porcelain ceramometal

patient serve as a visual blueprint for the laboratory technician to fabricate his esthetic restorations.

For years various acrylic-based materials have been used as the standard material for provisional restorations. Recently, light-curable composite resin materials have been increasingly employed because of their superior physical and chemical

properties in the realm of biocompatibility, strength, abrasion resistance, color stability, repair strength, odor, and chemical compatibility with provisional luting agents. This has been particularly evident in the area of laminate veneers, where patient demand for provisional restorations has become routine.¹

Topping the list of light-curable microhybrid materials that can be used for laminate veneer provisionals, crown provisionals, or inlay and onlay provisionals is the Renamel hybrid resin system. The vast array of shades (exceeding the standard Vita shades), the color density which masks discolored teeth in thin (0.5mm) layers,

design to technicians (Figures 3a-3c and 4a-4c). According to Dr. Robert Nixon, in a recent article on laminate veneer provisionalization, the Creative Color surface characterizing colorants “rapidly transform the provisional veneer color from a monochromatic appearance to a characterized polychromatic appearance”. The final high gloss polish that delivers the “magic” to these provisional restorations is quickly accomplished by means of FlexiPoints, FlexiCups, and FlexiBuffs with Enamelize polishing paste. As with the introral mockup, minor contour, color, and functional modifications to finalize the provisional restorations can be achieved with the new flowable Renamel microfill system.



- 4a. Maxillary teeth displaying anterior crowding and disparate gingival and incisal silhouettes are presented.
- 4b. Maxillary teeth with eight Renamel Hybrid provisional veneers are shown, which correct the misalignment and irregular gingival and incisal levels.
- 4c. Eight maxillary ceramic laminate veneers displaying attractive natural tooth color due to ceramic characterization and the use of Insure Yellow Red Universal and PowerBond. Tooth alignment, tooth sizing and incisal edge silhouette are considerably more esthetic.

the high polishability, and enamel-like wear distinguishes the Renamel hybrid resin system from a multitude of lesser materials. Combined with the coordinated Creative Color tinting and opaquing system, it readily permits the artistic dentist to proficiently create remarkably esthetic provisional restorations, that delight patients and three dimensionally communicate case

In the ever-changing realm of dental technology, provisionalized restorations, which portray important characteristics of the pending final restorations more rapidly and readily, represent another area of refinement, brought about by improved dental materials and newer adhesive techniques.

¹ Nixon, Robert L. Provisionalization for Ceramic Laminate Veneer Restorations: A Clinical Update. *Pract Periodont and Aesthet Dent* 1997; 9 (1): 17-27.

“With over ten years of reliable performance, top-ratings by the major dental materials advisories, and a comprehensive system second to none, Insure and Insure Lite resin cement kits make this most important final staging a certain success.”

4 Final Restoration(s) Try-in

The chairside try-in of final restorations in a multitooth esthetic makeover, especially when the majority or all the final restorations are laminate veneers, constitutes another staging. The importance of this staging, the last one before cementation, should be obvious. It is SHOWTIME, the moment of truth, and the final act all wrapped up into one. There is a lot at stake; either a celebration of supreme satisfaction by the patient, dentist, and technician due to a world class esthetic result or the disillusionment of dashed expectations due to a disappointing failure. Beyond the immediate satisfaction of a successful try-in is the concern for how long the beautiful makeover will last and continue to look attractive. With this degree of importance attached to the staging, only the best should be considered. The best, as affirmed by Reality and the Dental Advisor, in the class of Light-cured/Dual Cure resin cements is the Insure Resin Cement System. (It has been rated the best for five straight years). Consider the clinical sequence of this staging to better appreciate the merits of the Insure Resin Cement System.

After try-in of the esthetic restorations for individual marginal fit, and collective proximal contacts, the final restorations must be assessed for color approval. The 7 preformulated shades (4 translucent Vita Shade related, 3 opacious masking shades) have water-soluble, nonlight-activated pastes that accurately match the polymerized color of the actual

“It is SHOWTIME, the moment of truth, and the final act all wrapped up into one. There is a lot at stake; either a celebration of supreme satisfaction by the patient, dentist, and technician due to a world class esthetic result or the disillusionment of dashed expectations due to a disappointing failure.”

cements. These resin cement analogs, the Prevue try-in pastes, are easily dispensed onto the inner surface of a veneer, crown, inlay, or onlay through a convenient syringe, for control and recognition of how much Prevue try-in paste remains after dispensing. The Prevue pastes can be used as formulated or mixed together in various proportions, to lighten or darken ceramic or fiber-reinforced restorations, or raise or lower the chroma (Figures 5a-5c). These pastes are not polymerized by any light and they readily wash away with a water syringe without disturbing the ceramic etch or silane treatment.

Important for the degree of color modification is the concept of die-spacing beneath the laminate veneers. The die-spacing, ranging from 0.1mm for 1 to 2 Vita shade shifts to 0.2mm for 3 or more Vita shade shifts, is placed on the facial surface and proximal surface of the veneer preparations, but terminates 0.5mm to 1.0mm short of the cavosurface margin to assure accurate seating of the veneers. The die-spacing in conjunction with a resin cement system with excellent color range and opacity/translucency variance enables chairside color modification that is substantial. In an average case, veneers can be lightened one shade or darkened



- 5a. Two asymmetrical and variably colored central incisors are presented.
- 5b. Try-in of the ceramic laminate veneers with Prevue paste clear on the right central incisor and Prevue paste pink opaque on the left central incisor verify clear as the correct cement color.
- 5c. Maxillary central incisor ceramic laminate veneers, cemented with Insure Clear and PowerBond, reveal coordinated color matching and symmetrical sizing.

two shades and still retain their vitality by adjusting the color of the cement. Importantly, opaciousness, but not dulling opaque, can be tuned into the color if appropriate opaquing resin cement colors are available. Most resin cement systems on the market have only formulated white opaque resin cement. All too often, the intensity of the white opaque resin cement is either too intense, displaying a dead opaque tooth color, or not intense enough, allowing the background dark tooth color to shine through. Rather, an opacious resin cement with excellent masking power, such as white opaque resin cement, but with a light tint such as pink or yellow, produces a much more vital tooth color.

An optimal resin cement for ceramic laminate veneers should have at least the following properties.

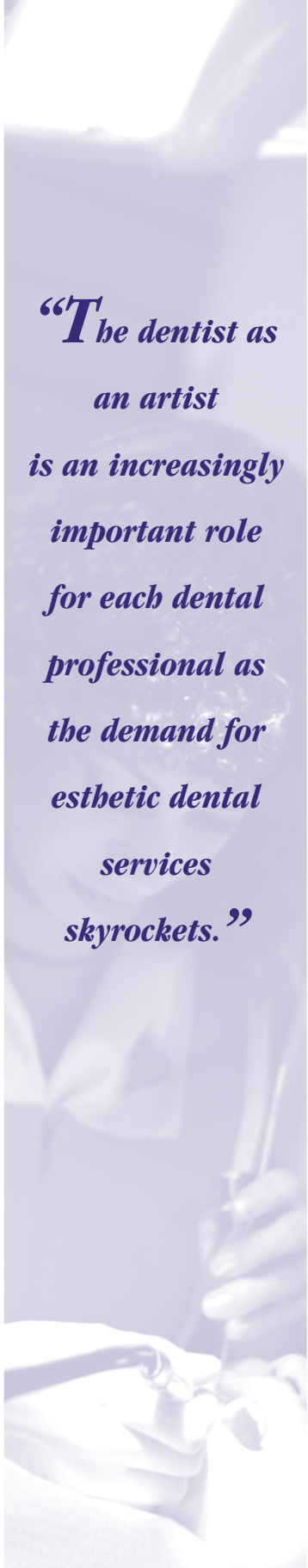
1. A good color selection of translucent and opacious cements.
2. Non-light activated water soluble try-in pastes that simulate the cured color of the cements.
3. Dual-curing capability.
4. A good range of color tints and an intense white opaquer.
5. Microhybrid polishability.
6. Medium-high viscosity for ceramic laminate veneers. Medium-low viscosity for ceramic crowns, inlays, and onlays.
7. Minimal color shift on light-curing.

The Insure Resin Cement System and the matching Prevue water-soluble try-in pastes most completely meet these criteria. The 7 preformulated shades come in a medium high viscosity resin cement for ceramic laminate veneers that is 75% filled (by weight), called Insure Resin Cement. The 7 shades are also available in

a medium-low viscosity resin cement, Insure *Light* Resin Cement for ceramic crowns, inlays, and onlays. Both *Insure* and *Insure Lite* Resin Cement kits contain 5 standard color tints and an intense white opaquer. The color tints and intense white opaquer are 50% filled (by weight) to minimize dilution of Insure and Insure Lite properties when these intense colors are mixed in to vary the resin cement color. The kits also contain preformulated silane, an intraoral porcelain etchant and tissue protectant, glycerin for promoting anaerobic reactions at the margin that eliminate the air-inhibited layer, and 3 artist's brushes for various applications. Completing the kits is a dual-curing catalyst, Simulcure, and the most extensive technique manual in a resin cement kit in dentistry.

With over ten years of reliable performance, top-ratings by the major dental materials advisories, and a comprehensive system second to none, Insure and Insure Lite resin cement kits make this most important final staging a certain success.

The dentist as an artist is an increasingly important role for each dental professional as the demand for esthetic dental services skyrockets. In fashioning outstanding smile makeovers, progressive communication, as determined by 4 stagings, hone in on ultimate patient satisfaction. The bottom line of total success is only achieved by combining intelligent planning with enlightened chairside technique, and outstanding dental materials. ■



*“The dentist as
an artist
is an increasingly
important role
for each dental
professional as
the demand for
esthetic dental
services
skyrockets.”*

Porcelain & Indirect

INSURE/PREVIEW SYSTEM

"For light-cure/dual cure, Insure is the standard against which all cements in this category are compared. It has the shades, the two consistencies, the Prevue try-in pastes, excellent instructions, etc. In other words, it is the most complete light-cured/dual cure cement in the market."



The #1 Resin Cement

Insure has been given the highest rating in all the characteristics that are important to dentists when they choose a resin cement. Proven to have exceptional wear resistance.

Rapid Previewing of All Veneers Raises Level of Patient Satisfaction



BEFORE

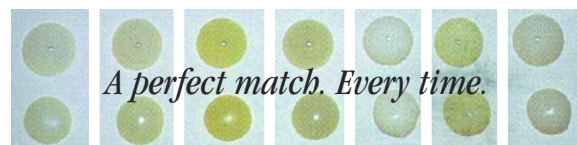


SHADE SELECTION USING 4
DIFFERENT PREVUE TRY-IN GELS.



AFTER

Resin Bonding



Insure Bonding System

The Insure Bonding System is a 75% filled (Insure Lite is 71% filled) hybrid resin system with a wide range of both translucent and opaque shades, designed to give strength and color range to your restoration. Two viscosities of Insure are available: regular for veneers and Insure Lite for inlays, onlays and crowns.

Insure's dual cure capability is ideal for inlays and onlays so you no longer have to worry about depth of cure. Designed with the clinician in mind, the Insure Kit incorporates all of these distinctive features:

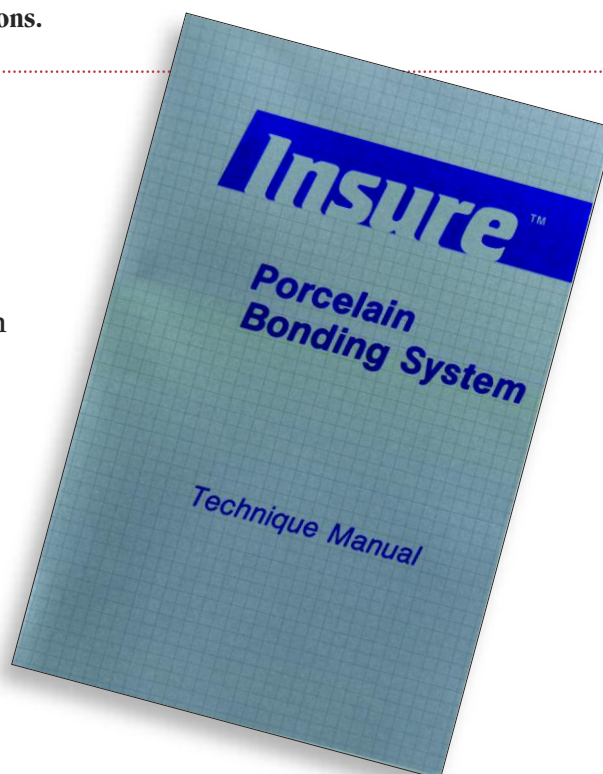
- ◆ Color compatibility with standard shade systems, the range of colors allow predictable shade guide results.
- ◆ Two viscosities available:
 - **Regular for veneers; this specially formulated viscosity (medium firm) is easy to handle and will not run.**
 - **Insure Lite for inlays, onlays and crowns; a thinner viscosity that flows readily and allows easy and complete seating of the full spectrum of bonded restorations.**

Bond to Everything!

Now when you use Insure with a 4th or 5th generation bonding agent you can bond to everything:

- Porcelain or resin laminates
- Porcelain or resin inlay or onlay cementation
- Full porcelain or resin crowns
- Metal
- Gold inlay or onlay
- Metal crowns
- Amalgam
- Post and core and implant cementation
- Porcelain repair
- Tooth to tooth
- Direct resin

- ◆ Dual cure so you no longer have to worry about depth of cure.
- ◆ Radiopaque and can be utilized for anterior or posterior porcelain bonding.
- ◆ It permits light transfer through the laminate so esthetics are superior - without dulling opacity.
- ◆ Can be used for resin/porcelain and metal luting.
- ◆ Kit includes a porcelain etchant that allows you to etch pre-existing porcelain restorations and to make other needed porcelain repairs.
- ◆ Comprehensive technique manual included.
- ◆ Can be used to cement tooth to tooth allowing for instant repair of fractures.
- ◆ Cements have a 3 year shelf life.



The illustrated technique manual is the best manufacturer-provided guide to ceramic restorations.

INSURE COLOR GUIDE

INSURE CEMENT	SHADE RANGE	TO LIGHTEN	TO DARKEN	TO TINT	TO OPAQUE
CLEAR	B1, A1, B2, D2 Oxygone™ Try-in matches shade- Veneer to be same shade as tooth	Add a small amount of white opaque resin cement (WO) (e.g., 1 part WO to 10 parts of CLEAR)	Add some YR _{LT} or YR _{UNIV} if in A or B shades. Add some G _{LT} if in C or D shades	Add a small amount of Hi Chroma pink* if in A Shade. Add a small amount of Hi Chroma yellow* if in B Shade. Add a small amount of Hi Chroma gray* if in C or D shades.	B1—add WO to CLEAR A1—add PO to CLEAR B2—add YO to CLEAR D2—add PO to CLEAR
YR_{LT}	A2, A3	Use CLEAR	Use YR _{UNIV}	Add a small amount of Hi Chroma pink* or brown	Use PO or mix YR _{LT} and PO
YR_{UNIV}	B3, A3.5, B4, A4	Add CLEAR	Add a small amount of Hi Chroma brown*	Add a small amount of Hi Chroma yellow* for B shades or brown* for A shades	Mix YR _{UNIV} and YO or use YO for B shades. Mix YR _{UNIV} and PO for A shades.
G_{LT}	D3, C3, C4	Use CLEAR	Add a small amount of Hi Chroma gray*	Add a small amount of Hi Chroma gray*	Mix G _{LT} and PO or use PO
WO	Lighter than shade guide teeth “chiclet look”	Add Hi Chroma white**	Use CLEAR or mix WO and CLEAR	Add a small amount of Hi Chroma pink* or yellow* for A and B, gray/pink* for C and D	Add Hi Chroma white**
YO	Lighter B shades	Add Hi Chroma white**	Use CLEAR or mix YO and CLEAR	Add a small amount of Hi Chroma yellow* or brown*	Add Hi Chroma white**
PO	Lighter A, C and D shades	Add Hi Chroma white**	Use CLEAR or mix PO and CLEAR	Add a small amount of Hi Chroma pink* or gray*	Add Hi Chroma white**

* Tinting is best accomplished by utilizing the Color Modifier Kit (COSMEDENT). ** Intense opaquing is best accomplished by utilizing the Hi Chroma white from the Color Modifier Kit.

Insure and Prevue

“Combine durable performance with such convenient factors as two viscosities, optimal dual-curing, and preformulated pink and yellow opaque shades and it is understandable why the Dental Advisor, evaluation newsletters, and leading clinicians agree that Insure and Prevue stand out as the leader of the field for ceramic restorations.”

Prevue Try-In Gel System

Preview your veneers for exact color accuracy with total ease and reliability. Make as many changes as necessary to create the perfect restoration, and discover why messy clean-ups and wasted time and materials are now a thing of the past. With just a gentle stream of water, the gel comes right off. PREVUE's unique water soluble formula sets a new standard for the most convenient way to try-in your porcelain and indirect resin restorations.

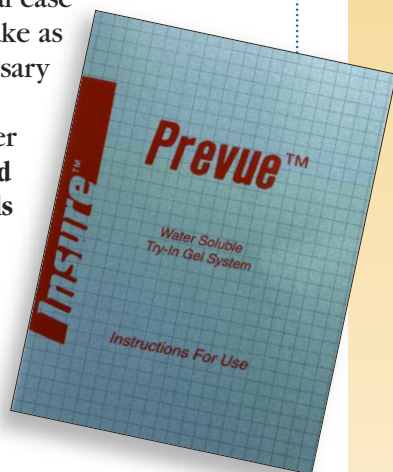
Prevue offers the widest range of color versatility of any system. Our formula has been exactly color matched to the seven cements in the Insure Bonding System and guarantees you a perfect match every time. Intermixing the cements gives you a virtually unlimited range of colors at your fingertips.

In addition, the use of PREVUE try-in gel saves you money by eliminating the costly waste of resin materials.

Complete color accuracy plus try-in ease—all you could ask for in the most technically advanced try-in formula on the market today. If your practice calls for a try-in gel, PREVUE should be it.

Enjoy all the benefits of a water soluble try-in gel:

- ◆ Exactly matches the shades of the Insure Resin Cement Systems.
- ◆ Easy to apply; gel is non-sticky to facilitate placement and removal.
- ◆ Easy clean up. Saves you money by eliminating the costly waste of resin materials.
- ◆ Prevue offers the widest range of color versatility of any system.
- ◆ Harmless to tooth structure and soft tissue.



Ceramic Veneer Indications

- Multiple Discolored Teeth
- Multiple Misaligned Teeth with Unsatisfactory Tooth Color
- Multiple Teeth with Enamel Defects and Unsatisfactory Tooth Color
- Multiple Teeth with Spacing and Unsatisfactory Tooth Color
- Multiple Worn or Foreshortened Teeth
- Single Discolored Teeth
- Sound Ceramometal or Ceramic Crowns Exhibiting Unsatisfactory Color
- Select Ceramometal or Ceramic Crowns Exhibiting Ceramic Fracture
- Teeth Exhibiting Cohesive Fracture with Bonded Resin Restorations

Ceramic Veneer Contraindications

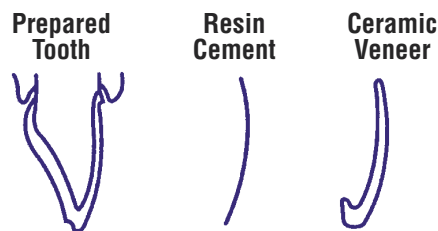
- Teeth with Defective Enamel over the Entire Crown
- Teeth with Insufficient Coronal Tooth Structure
- Teeth which are Actively Erupting
- Teeth Exhibiting Severe Crowding
- Teeth in which an Intracoronal Resin Restoration Would Suffice
- Teeth Exhibiting Extreme Occlusal Trauma or Wear



The Stratification Method

Stratification means “formation by layers”. A ceramic veneer bonded to a tooth presents an example of stratification, having a base layer, the TOOTH, an intermediate layer, the RESIN CEMENT, and an outer layer, the VENEER. These three “layers” combine to produce the ultimate color and contour of a ceramic veneer. Insure ceramic resin cements are most effective when they are coordinated with the necessary tooth preparation, controlled resin interface space, and the appropriate ceramic veneer formulation. The Stratification Method establishes guidelines for each one of these three important variables in the ceramic veneer system. The application of these guidelines combined with the color technology of the Insure Universal Cementation System vastly simplifies the complex area of ceramic veneer coloration.

The STRATIFICATION Method for Control of Color and Contour



Newest Additions to Insure System

da vinci™ cements for whiter porcelain veneers

“If you want white, buy this.”

– REALITY

Based on the ever increasing desire for brighter veneers, Cosmedent, Inc. and da Vinci Dental Studios co-developed an easy-to-use veneer cementation system specifically for whiter porcelain veneers.

Advantages:

- ◆ Master ceramists from da vinci labs helped develop a system utilizing the chemistry of the #1 rated resin cement in dentistry... What more could you ask for?
- ◆ Helps you achieve whiter and brighter veneers
- ◆ Performs great with any porcelain veneers
- ◆ Ideal viscosity for both the cement and try-in gels
- ◆ Available in four progressively whiter shades: Bright, Brighter, Brightest, and Ludicrous Bright and 3 tone down shades: Clear, Tone Down 1, and Tone Down 2.
- ◆ 7 color-coordinated try-in gels to simplify shade matching



NEW! Insure Lite Clear/Simulcure Automix

Make your chairside much easier!



“Its choice of viscosities and shades make Insure the versatility leader, along with its long track record.”

– REALITY

Advantages:

- ◆ One step means it's faster with no waste
- ◆ Simple and time-saving
- ◆ Strong
- ◆ Matches tooth structure
- ◆ Thin film thickness
- ◆ Combines Insure's most popular shade of Lite Clear and Simulcure Catalyst
- ◆ Ideal for inlays, onlays, crowns and indirect composite restorations

Individual cartridges (8 g total: 4 g base / 4 g catalyst) plus 10 automix tips and 10 mixing tips.

What Doctors Say about the Insure/Prevue System

“I’ve been using Insure for almost ten years and there is no resin cement close to it. The kit is so complete that you don’t have to buy the necessary products from five different companies.”

—D.G., D.D.S.

“The Insure kit has what the other kits lack – opaque cements with a touch of color so the porcelain veneers don’t look like *Chiclets*.”

—B.T., D.D.S.

“It’s no surprise that the product evaluation newsletters rate the Insure resin cement kit at the top. After close to one thousand ceramic restorations with either Insure or Insure Lite, I can personally attest to the durability of the cement. I’ve had very few failures.”

—R.S., D.M.D.

“Combining the Prevue try-in pastes with the Insure resin cement gives me a fool-proof way of predetermining the right color for my laminates.”

—R.J., D.M.D.

“Insure and Insure Lite provide me with the best viscosity for my ceramic restorations. The stiffer viscosity of Insure is ideal for my porcelain veneers and the flowable viscosity of Insure Lite is great for my ceramic crowns, inlays and onlays.”

—T.F., D.D.S.

“I like a good instructional booklet with dental materials. The instructional booklet with Insure is like a mini-textbook. It gives the ‘why’ behind the ‘how to’.”

—G.C., D.D.S.