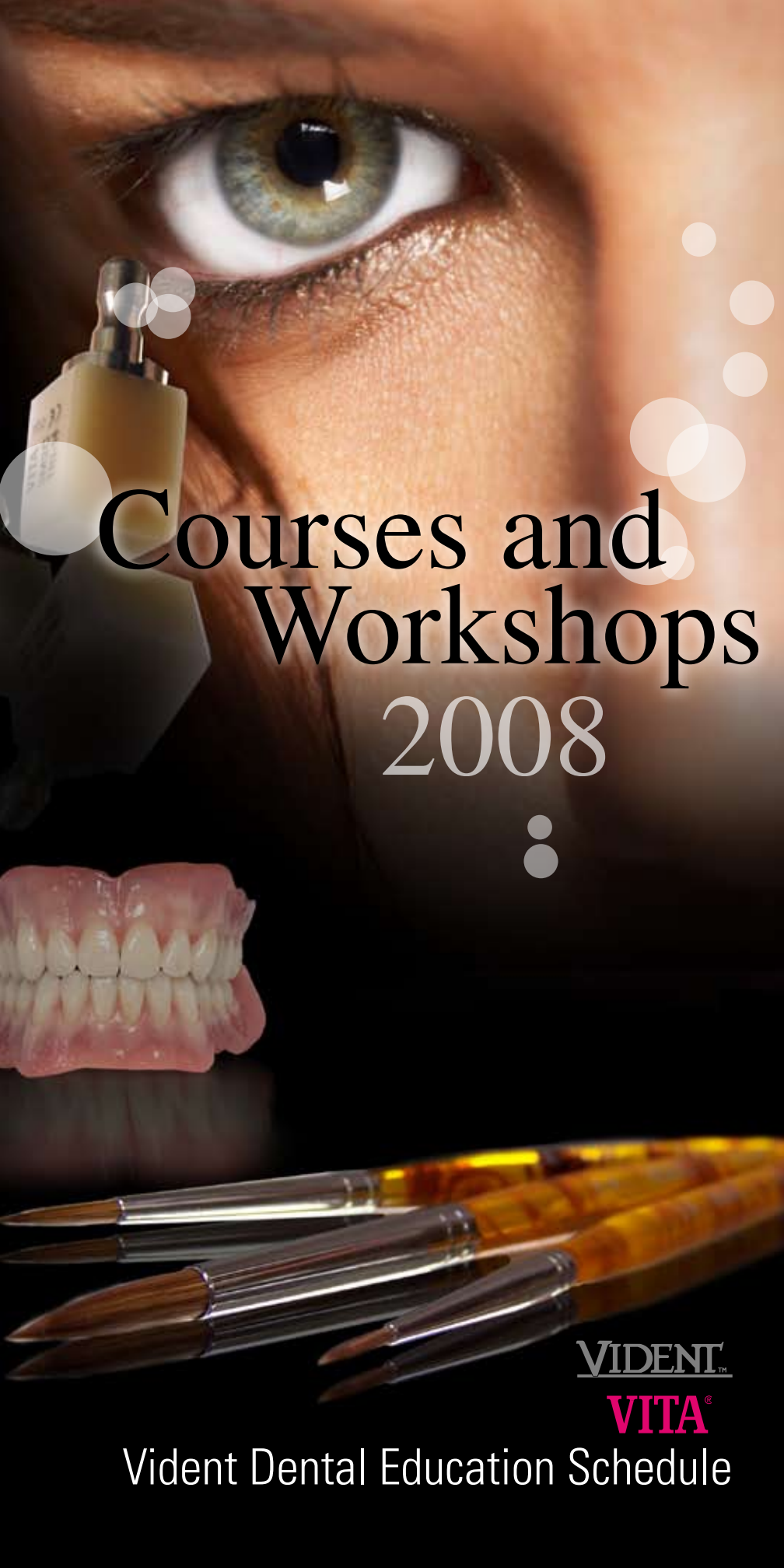

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Respectfully,

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Training And Education Programs

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Course Registration and Cancellation Policy:
Payment in full for course tuition fees are due at the time of registration. Payment may be made by credit card or check. Customers with open accounts in good standing may charge tuition fees to their accounts.

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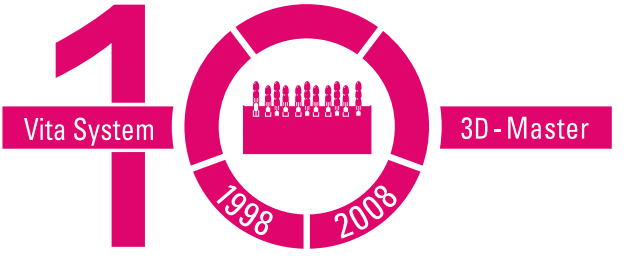

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VIDENT™

SHADE COMMUNICATION

VITA®

The Science of Shade Selection and Esthetic Observation

Various Instructors Available

Shade-selecting and matching is a highly critical process when trying to satisfy patient expectations. Shade selection is often perceived as secondary to the clinical process and may be subjective, producing unpredictable results. This program offers participants improved aesthetic communication techniques for the dentist and dental-office team members. Hands-on demonstrations will feature fast, predictable techniques that promote shade consistency using the VITA 3D-Master® shade system.

Additional topics covered will include in-office lighting conditions, digital photography, material preferences for case planning and use of the VITA Easyshade® digital spectrophotometer shade-taking device.

Evidence-Based Shade Accuracy

Breaking Out of the Pattern for Better Restorative Communication

Instructor: Mark Murphy, DDS, FAGD

There is nothing more critical in the realm of esthetic dentistry than obtaining a perfect shade match for your patient restorations. You can have the most precise marginal fit in the world, perfect occlusion and a reliable, biocompatible material that wears even better than natural enamel…but if the shade is off, even just a bit, the patient will notice, and a remake is in the works.

Most, if not all of us, have studied the research and have a strong understanding of what truly matters when determining a patient shade: proper lighting, strong communication with your lab counterpart, and now electronic devices that cannot be fooled by tricks of light and digital photography for precise characterization.

But ask yourself these important questions:

Do I determine shade correctly and communicate all the necessary shade information to my lab for a perfect restoration?

Am I giving my patients the most natural-looking restoration possible?

Are my patients satisfied that their restorations match their bleached teeth?

Do I have 100% confidence in my shade-taking ability in the anterior?

Am I aware that determining the proper value is the most critical element in shade measurement – and that a crown with the correct value can match perfectly even if the chroma and hue are slightly wrong?

You will come to this special presentation with some or all of the answers to these questions – but when you leave, we guarantee that you will have new insight into the importance of shade accuracy and have innovative new techniques that you can easily use to increase the precision of your shades, communicate more clearly with your lab and assure your patients a higher degree of satisfaction.

Continued on page 5

The presentation will cover:

- The historical development of shade determination and how the paradigm of shade-taking has been embedded into our behavior over the last 50 years
- Evidence-based protocol for shade accuracy
- Hands-on workshop for putting the new techniques into use, including:
    - Surface texture and color
    - Translucency
    - Lighting
    - Digital photographic communication
    - Shade assurance

Shade Science and Color Communication:

A Program for the Dentist, Hygienist and Auxiliary

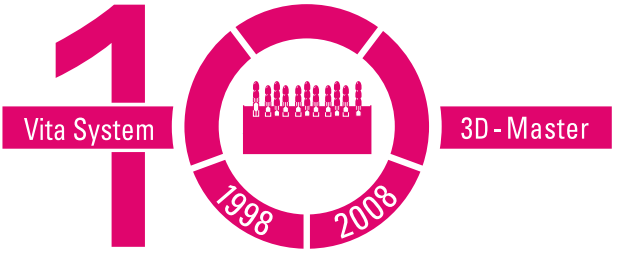
Instructor: Martin R. Mendelson, DDS

One of the only areas in dentistry that even the untrained eye can identify as questionable with a tooth is the shade. There are 3 steps to communicating shade more effectively: understanding color, understanding what influences our perception of color, and utilizing this knowledge for predictable step-by-step shade taking. Understanding color science and what influences our perception of color will enable you to choose shades with greater accuracy. Mastering and understanding this science is a key component to the predictable success of your laboratory-fabricated restorations.

In this program we will explore the science of color perception, the influencing factors on this perception and how to use this knowledge for predictable shade taking. We will discuss the physical properties of light and how to apply these properties to the act of shade selection. We will explore step-by-step shade taking using the VITA 3D-Master® shade guide and predictable shade selection using the VITA Easyshade®.

LEARNING OBJECTIVES

- Identify the three areas for effective shade communication
- Identify how light carries color
- Identify how objects reflect color
- Identify what influences our perception of color
- Understand how to take predictable shades with the VITA 3D-Master® shade guide
- Understand how to take predictable shades with the VITA Easyshade®



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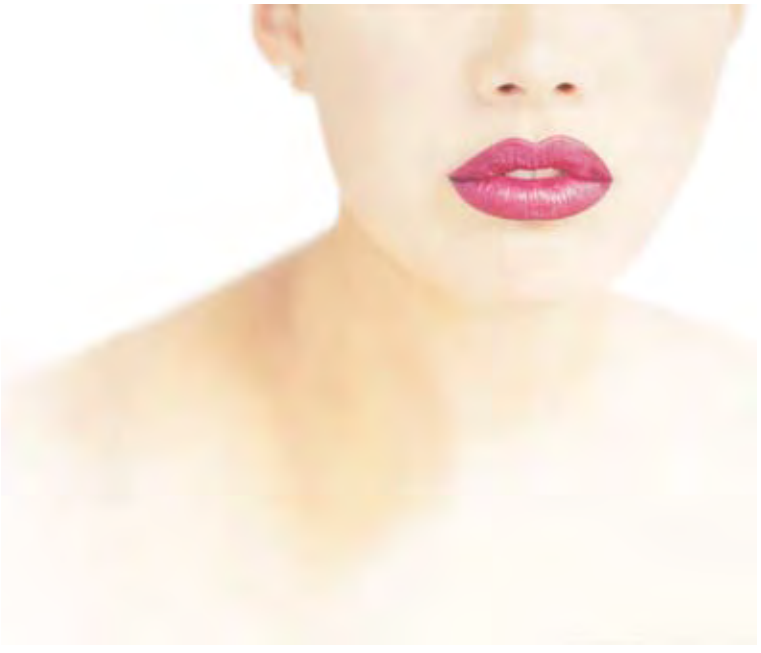


VITA®

LECTURE

Tomorrow's Dental Technologies Today

High Strength All-Ceramic Restorations and CAD/CAM System

Instructor: Russell Giordano, DMD, DMSc, FADM, Cert. Pros.

A comprehensive overview of a variety of materials and technologies will include all-ceramic restorations, milled restorations and shade selection and control. The lecture will discuss the rationale for use and clinical selection based on properties such as strength, translucency and composition.

CAD/CAM systems allow the use of a variety of materials for full contour and framework-based restorations. The physical properties, tooth preparation and cementation of these materials serves as a background for the discussion of how these materials fit into the spectrum of esthetic restorative dentistry.

The Art Of Esthetics And The Science Of Strength

Discovering the Ultimate Esthetic Result

Instructor: Bernie Jaroslow, CDT

Today, high strength ceramic substructures are as important to the laboratory, the dentist and the patient, as the natural-looking porcelain that will veneer it. With the development of CAD/CAM milling systems and yttrium partially-stabilized zirconium oxide, those desirable strengths have been realized, in addition to consistent fit and support form.

New ceramic systems have been developed that address the increasingly sophisticated esthetic requirements of patients. These new porcelains offer physical and mechanical properties that surpass older types of ceramics and clinical advantages that were never possible before. All of this may be unseen by the patient, but what is appreciated is the natural appearance of the completed restorations.

Increasingly popular inVizion® restorations milled on the Sirona inLab® system combine the flexural strength of VITA's In-Ceram YZ zirconium oxide (over 900 MPa), with the highly esthetic properties and accurate shade-matching of VITAVM®9 ceramic veneering material. Due to the high strength, clinical indications include anterior and posterior crowns and bridges.

New and unique VITAVM®9 layering techniques not only allow the ceramist to come close to simulating nature but to virtually reproduce natural teeth. VITAVM®9 is shaded to match VITA's 3D-Master® shade system for extremely accurate shade matching.

LECTURE

3-HOUR PODIUM LECTURE & DEMO

The *'Total System'* Approach for Ceramic Restorations in a Competitive Market

An efficient, predictable, and profitable approach to every type of ceramic restoration

Instructor: William Mrazek, BS, CDT

In order for a laboratory of any size to compete effectively in today's marketplace, it must have the ability stay current and provide the dentist with the wide variety of restoration choices available in an ever-changing technological environment. The advent of metal-free restorations and the esthetic benefits they offer has greatly expanded the options for restorative choices beyond the days of porcelain fused-to-metal, full-gold crowns, and cast inlays/onlays. Because of the wide variety of materials and designs available, it is becoming more common for the dental laboratory to receive 'combination cases'. Very often, an all-ceramic laminate veneer may be placed next to a PFM bridge, full-coverage all ceramic crown, or other type of restoration. Because the various technologies (PFM, pressed ceramics, milled ceramics) and materials (various alloys, alumina, and zirconia) were developed and introduced at different times, laboratories found themselves with a variety of ceramic systems for the different technologies. Unfortunately, many of the systems were not compatible from a color standpoint due to different approaches in shade matching by the variety of manufacturers of ceramic veneering material. These differences unfortunately become very apparent when a combination case needs to be fabricated.

Fortunately, a "Total System" approach can be achieved with VITA's VM®13, VM®9, and PM®9 porcelain systems. Porcelain fused-to-metal, layered In-Ceram YZ, pressed-to-In-Ceram YZ with both full contour or cut-back and layered possibilities, and pressed full contour or cut-back and layered 'stand-alone' zirconia-free restorations can be fabricated in an efficient, predictable, and profitable manner with these systems.

The combination case is no longer the challenge it used to be, nor is it necessary for the patient to accept a compromise in esthetics due to different types of restorations being placed next to each other.

This comprehensive PowerPoint/lecture and demonstration will include color theory and the VITA 3D-Master shade system, shade taking procedures for both metal and metal-free restorations, and a thorough review of the porcelain systems mentioned above. The philosophy of 'form follows function' will also be presented along with a demonstration of Bill Mrazek's Functional Build-up Technique which incorporates all of the functional movements, occlusal contacts, anatomy, and contours in the build-up, regardless of number of powders used.

LECTURE

2-HOUR PODIUM LECTURE

New and Versatile Pressable Ceramic Technology for Today's Market

An efficient, predictable, and profitable approach to pressable ceramics

Instructor: William Mrazek, BS, CDT

Pressable ceramic technology has established itself as an accepted and versatile process for fabricating strong, accurate-fitting, and highly esthetic metal-free restorations. The ability to press ceramic over VITA In-Ceram YZ understructures has introduced a new level of strength to cementable metal-free pressed restorations. It also presents the capability to fabricate more translucent and vital restorations than a pressed-to-alloy restoration. The fee to the dentist also is consistent as a pressed-to-In-Ceram YZ restoration is not affected by fluctuating alloy costs. VITA's new PM®9 pressed ceramic system provides the ability for any size laboratory to create pressed-to-zirconia crowns and bridges, stand-alone inlays, onlays, veneers, and anterior full-coverage restorations. The restorations can be designed for layering with VITA's VM®9 ceramic veneering system, or pressed to full-contour and surface stained with VITA's Akzent stains.

This comprehensive PowerPoint/lecture will include color theory and the VITA 3D-Master shade system, shade taking procedures specific to metal-free restorations, emphasis on In-Ceram YZ understructure designs, and a thorough review of the features, components, and benefits of both the VITAVM®9 and VITAPM®9 systems. Tips on efficient and predictable techniques for pressing will also be provided. Attention will also be given to identifying, based on preparation design, when it is best to press and layer or press to full contour, as well as the market niche for each type. Finished samples of pressed restorations and those at various stages of fabrication will also be available for review.

LECTURE

3-HOUR PODIUM LECTURE & DEMONSTRATION

New and Versatile Pressable Ceramic Technology for Today's Market

An efficient, predictable, and profitable approach to pressable ceramics

Instructor: William Mrazek, BS, CDT

Pressable ceramic technology has established itself as an accepted and versatile process for fabricating strong, accurate-fitting, and highly esthetic metal-free restorations. The ability to press ceramic over VITA In-Ceram YZ understructures has introduced a new level of strength to cementable metal-free pressed restorations. It also presents the capability to fabricate more translucent and vital restorations than a pressed-to-alloy restoration. The fee to the dentist also is consistent as a pressed-to-In-Ceram YZ restoration is not affected by fluctuating alloy costs. VITA's new PM®9 pressed ceramic system provides the ability for any size laboratory to create pressed-to-zirconia crowns and bridges, stand-alone inlays, onlays, veneers, and anterior full-coverage restorations. The restorations can be designed for layering with VITA'sVM®9 ceramic veneering system, or pressed to full-contour and surface stained with VITA's Akzent stains.

This comprehensive PowerPoint/lecture & demonstration will include color theory and the VITA 3D-Master shade system, shade taking procedures specific to metal-free restorations, emphasis on In-Ceram YZ understructure designs, tips on efficient and predictable techniques for pressing, and a thorough review of the features, components, benefits of both the VM®9 and PM®9 systems. Attention will also be given to identifying, based on preparation design, when it is best to press and layer or press to full contour, as well as the market niche for each type.

Finished samples of pressed restorations and those at various stages of fabrication will be available for review, as well as a live demonstration of layering and firing utilizing the PM®9 and VM®9 ceramic systems.

Strength and Beauty: Discovering the Ultimate Clinical Result with VITAVM®9 and the Zirconia Substructure

Instructor: John Park, CDT

Milled zirconia In-Ceram YZ substructures provide extremely high strength properties to dental restorations. When combined with the highly esthetic properties and accurate shade-matching of VITAVM®9 veneering porcelain, ceramists are able to offer patients highly natural esthetic qualities along with long-lasting clinical function.

VITAVM®9's specialized layering techniques not only allow us to come close to simulating nature, but enable us to virtually reproduce natural teeth. This presentation will cover all of the technical considerations for veneering In-Ceram YZ with today's ceramic materials.

HANDS-ON WORKSHOPS

"Ask Kris" 2 Day Hands-On Course:

Mastering The Porcelain Veneer Using Refractory or Foil

Instructor: Kris Kersten, BA, CDT

This down-to-earth Hands-on course will present a simple, fast scientific approach for layering VM®9 Opalescent and Fluorescent porcelain. Each person will construct two veneers; Thin and Normal. You will go home with a new, easier technique to for building porcelain teeth which look alive. A thorough "cook book" step-by-step technique manual, including which products to use and where to obtain them, is provided. Kris's build-up techniques may be used with any porcelain. In addition, the VITA 3D-Master shade system will be discussed.

In this course you will learn to easily build beautiful laminates using Kris's simple time saving technique. This procedure will improve your quality, save you time and increase your income immediately!

The course will include the following:

- Use of VM®9 Porcelain for Veneers
- Effect Liner & Effect Chroma
- Eliminate Soaking of Refractory
- Air Brush Sealing of Refractory Dies
- "Freeze" Internal Staining
- Natural Texture & Luster
- Refractory Die Construction
- Lifelike "Bleached" Veneers
- Electronic Shade Taking
- Masking Background for Thin Veneers
- Effect Enamel, Opal & Pearl
- Easy World-Class Layering
- Micro-Layering the Veneer
- Interno & Akzent Modifiers
- Opalescence & Fluorescence
- Platinum Foil Veneers
- $20 Home-made Swedger
- Electric Foil Removal

Vident will provide the appropriate working model upon registration. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

2 Day Veneer Workshop Featuring VITAVM®13

Porcelain Applied To Refractory Materials

Instructor: Bob Williams, CDT

The demonstration/hands-on course will feature advanced porcelain layering techniques utilizing VITAVM®13 porcelain applied to GC's G-Ceravest refractory material. Participants will gain a thorough understanding of the porcelain, along with step by step demonstrations of model work through divesting and fitting the porcelain jacket/veneer. Each participant will have the opportunity to build a 2-central case.

Models, refractory dies and working dies ready for porcelain application will be provided for the participants.
Topics covered in the two-day, hands–on course:

- Creating excellent refractory models and refractory dies
- Preparing refractory dies for porcelain application
- Custom layering techniques to mimic natural dentition
- Internal staining with fluorescence

Continued on page 13

- Final layering technique utilizing opal porcelains
- Contouring and texturing to recreate nature
- Natural stain technique
- Proper divestment and fitting of jackets/veneers
- Final polishing of restorations

Vident will provide the appropriate working model upon registration. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Two day hands-on course

Laminate Veneers: Simplified for Success

Instructor: Fausto Catena, CDT

The construction of laminate veneers can be tedious and cost-prohibitive due to techniques that have become outdated. This two day hands-on course will show each attendee a simplified and quick method of fabricating laminate veneers using a modern foil technique. You'll explore the natural looking beauty of porcelain combined with a method of creating laminate veneers that reflect a high-end value.

Each student will learn how to properly prepare and trim laminate dies, then adapt a platinum foil matrix to achieve optimum fit. Simplified techniques to create VITA laminates with varying degrees of opacity will be shown. You will explore the benefits of science-based shade selection with the 3D-Master shade system which enables consistent shade match. The proper methodology of creating laminates with internal characterization, shaping, texturing and hand polishing to attain a natural appearance will be demonstrated and then accomplished hands-on. Each attendee will have the opportunity to fabricate two anterior veneers using the instructor's foil technique.

The following will also be covered:

- Closing interdental space
- Using laminate veneers for repositioning a smile
- Masking tetracycline discoloration
- Aligning teeth to achieve a "Hollywood" smile
- Cementation protocols

Vident will provide the appropriate working model upon registration. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Mastering Metal Ceramics
A Celebration of Technique
Instructor: Fausto Catena, CDT

This comprehensive porcelain course will define and illustrate techniques that help the ceramist create consistent, life-like porcelain restorations. The attendee will discover specific ways to achieve life-like esthetic results and overcome problems encountered at the dental laboratory bench. Simplified build-up techniques will be detailed using esthetic porcelain materials and accompanying effect porcelains.

The one-day participation porcelain course will train each student in the use and application of all porcelain powders in the VITAVM®13 system. This ceramic is distinctive in its light reflection and refraction properties which are close to those of natural teeth. The system is also enhanced using VM®13 fluorescent and opalescent powders for custom esthetics. The use of VITA Interno effect powders and VITA Akzent stains will also be presented.

Additional topics include:
- Esthetic framework design
- Simplified opaque techniques
- Shade selection featuring the VITA 3D-Master shade guide
- Shade communication: Dentist-Patient-Lab; a team approach
- Cervical and incisal esthetic tips; including the use of gingiva-shaded porcelain
- Creating 3-dimensional effects with Akzent colors
- Surface texture and gloss control to duplicate natural tooth enamel finish

Vident will provide the appropriate working model upon registration. You will need to wax and cast metal framework(s) to bring to the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Making Metal Ceramic Perfection the Standard
Instructor: Felix Pages, CDT, MDT

This two-day comprehensive porcelain course will define and illustrate techniques that help the ceramist to create consistent, lifelike porcelain restorations. The attendee will discover specific ways to achieve lifelike esthetic results and overcome problems encountered at the dental laboratory bench. Simplified build-up techniques will be detailed by this Master Ceramist, using esthetic porcelain materials and accompanying effect porcelains.

Each student will explore the use and application of all porcelain powders in the VITAVM®13 system. Uniquely designed, this new ceramic is distinctive in its light reflection and refraction properties which are close to those of natural teeth. The system is also enhanced using VM®13 fluorescent and opalescent powders for custom esthetics. Also presented will be the use of VITA Interno effect powders and VITA Akzent stains.

Continued on page 15

Additional topics include:
- Esthetic framework design
- Simplified opaque techniques
- Shade selection featuring the VITA 3D-Master Shade Guide
- Shade communication: Dentist-Patient-Lab; a team approach
- Cervical and incisal esthetic tips; including the use of gingiva-shaded porcelain
- Creating 3-dimensional effects with Akzent colors
- Surface texture and gloss control to duplicate natural tooth enamel finish

Vident will provide the appropriate working model upon registration. You will need to wax and cast metal framework(s) to bring to the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Esthetic Veneering Materials with VITAVM®9
Instructor: Yi-Yuan Chang, MC

Yi-Yuan Chang will discuss the evolution of his material of choice, VITAVM®9. This state-of-the-art porcelain is used to veneer Sirona inLab® In-Ceram® (yittria-stabilized zirconia), VITABLOCS® Mark II and TriLuxe blocks. The program will provide an overview of the properties of VITA CAD/CAM ceramics and the manipulation of the veneering materials needed to replicate nature. Participants will complete a In-Ceram YZ single central incisor using specialized porcelain build-up techniques. Achieving esthetic excellence with custom contouring, surface texture, incisal detail and morphological details will be featured.

Vident will provide the appropriate working model and Vitabloc at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

VITAVM®13 Mastering Metal Ceramics: a Celebration of Technique
Various Instructors Available

This program will cover predictable techniques used to create esthetic restorations using VITAVM®13 porcelain. This unique course will take participants through step-by-step techniques in order to develop an understanding of how to use VM®13 for several metal ceramics applications. Participants will build one anterior and one posterior restoration with emphasis on exploring color. One will use a “modified 3D ceramic build-up”, and the other an “advanced 3D ceramic build-up” technique.

Vident will provide the appropriate working model upon registration. You will need to wax and cast metal framework(s) to bring to the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

VITAVM®13 Advanced Layering Workshop
Instructor: Dr. Ed McLaren

The demonstration/hands-on course will feature advanced porcelain techniques using the new VM®13 porcelain from VITA. A porcelain building technique called the Skeleton Buildup Technique will be detailed. All aspects of esthetic design for the development of natural looking teeth will be covered. Models, dies, copings will be provided for the participants ready for porcelain application. Esthetic framework design and porcelain margin techniques will be featured, with specific attention given to building the various layers of ceramic that allows the development of optical properties in the final restoration that mimic natural teeth. This is a 2-day course taught over one long day. THE COURSE RUNS FROM 8AM TO 7PM. This is done to accommodate the busy work schedule of most ceramists and to minimize days out of the lab.

Vident will provide the appropriate working model upon registration. You will need to wax and cast metal framework(s) to bring to the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Special VITAVM®13 Veneering Techniques
Instructor: Abel Fernandez, CDT

This course will provide a thorough understanding in the fabrication of porcelain fused to metal restorations utilizing VITA's VM®13 ceramic system. This outstanding new ceramic system was developed in conjunction with Claude Sieber, MDT. VM®13 exhibits a very fine particle structure giving the ceramist superior handling qualities and wear characteristics.

Each participant will fabricate a single anterior restoration that will replicate nature. You will learn precise shade taking with VITA's 3D-Master tooth guide and the complete VITAVM®13 veneering system.

Topics will include:
- Use of VM®13 base dentine
- Base dentine chart for matching individual shades
- Layering techniques to match natural teeth
- Indications for using effect colors
- Use of opal and pearl effect powders
- Surface contours, texture and glazing
- Margin porcelains

Vident will provide the appropriate working model upon registration. You will need to wax and cast metal framework(s) to bring to the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

ADVANCED VITAVM®9
Instructor: Felix Pages, CDT, MDT

This course will provide the student with complete working knowledge of the VM®9 porcelain system. Detailed instruction and the use of all the powders in the system will be shown. Several layering techniques will be shown that can be utilized by a production lab as well as a specialty lab. A comprehensive explanation of the substructures that can be used with VM®9 will be emphasized and enable the student to confidently explain to his clients what the laboratory requires to produce In-Ceram YZ restorations. Prep design and cementation guidelines will also be covered.

Each student will construct 2 restorations, a central incisor and a molar. The student will have the option after a trial build-up to complete the restorations using any layering technique shown by the instructor. These restorations will then be taken to a final finish following guidelines set by the instructor.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

The application of the following powders will be shown:

- Dentine Bonding Layer
- Base Dentine And Dentine
- Chroma Plus
- Effect Enamels
- Effect Pearl
- Correction Powders
- Effect Liners
- Effect Chroma
- Enamels
- Mamelon Effect
- Neutral and Window

Natural Perceptions
Instructor: Ed Flocken, CDT

Ed will discuss the evolution of VITAVM®9 ceramics, his material of choice. This state-of-the-art porcelain is used to veneer high-strength VITA In-Ceram YZ frameworks milled on the Sirona inLab® to create inVizion restorations. It is also used to modify VITABLOCS Mark II and TriLuxe blocks, which will be discussed. The program will include an overview of the properties of VITA CAD/CAM ceramics and the manipulation skills necessary to create high esthetics.

Participants will complete a single anterior InVizion® restoration. Special attention will be paid to incisal effects, mamelons and contouring for light refraction and reflection. Proper glazing and polishing will be discussed, as will the use of materials from the VITAVM®9 Professional kit, including Effect Powder, Effect Pearl, and Effect Opal.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

VITAVM®13: Mastering Metal Ceramics

A Celebration of Technique
Instructor: Ky Hale

This program will cover predictable techniques to create esthetic restorations using the new VITAVM®13 porcelain. This unique course will take participants through step-by-step techniques in order to develop an understanding of how to use VM®13 for several metal ceramic applications. Participants will build two anterior restorations with emphasis placed on exploring color. One will use a modified 3D-Master ceramic build-up, and the other an advanced 3D-Master ceramic build-up technique.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

The VM® Ceramic Concept

Instructor: Ken Chizick, CDT, RDT

This comprehensive, full-day participation program will cover the rationale behind the development of VITA's VM® porcelains and will focus on building layers of ceramic which allow the development of optical properties that mimic natural teeth. Participants will produce aesthetic restorations using VITA's 3D-Master shade system's advanced shade determination/fabrication techniques. All aspects of esthetic design for the development of natural-looking teeth will be covered.

Working with VITAVM®9, the participants will create natural looking mamelons, hairline cracks, decalcification and other internal effects. In addition, the proper use of external VITA Akzent stains will be covered. Attention will be focused on achieving natural characterization using powders from the VM Professional and Interno stain kits, and there will be special emphasis on surface texture, abrasion, and subtle color-matching. VITAVM®9 porcelain is used to veneer copings and frameworks fabricated out of high strength In-Ceram In-Ceram YZ® (yittria-stabilized zirconia), VITABLOCKS®, Mark II and TriLuxe forte block materials. Participants will apply the techniques covered for the construction of two inVizion® anterior crowns, and a porcelain-fused-to-zirconia restoration.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

A True Master of Dentistry - art & experience®

Two day inVizion® Crown Participation Course
Instructor: Claude Sieber, MDT

The Visual Language - Featuring the VITAVM®9 Porcelain System
Claude will guide you through the artistic and scientific theory of shade selection and demonstrate his porcelain build-up technique, highlighting the subtle nuances of light and shape. You will then create two inVizion crowns, which are comprised of VITAVM®9 fired on VITA In-Ceram YZ Zirconia substructures.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Zirconia Substructures and VITAVM®9 Porcelain

Instructor: Bob Williams, CDT

This course will prepare you to create restorations that combine the incredible strength of zirconia with the highly esthetic properties and accurate shade-matching of VITAVM®9 porcelain. Porcelain layering techniques with VITAVM®9 porcelains enable ceramists to virtually reproduce natural tooth appearance. This new generation of dental porcelain has an excellent enamel wear rate compared to conventional porcelains, and is very user-friendly. It is used exclusively with high strength, densely-sintered zirconia materials. VITAVM®9 uses VITA's 3D-Master shading system, which is systematically arranged for easy, quick, and extremely accurate shade matching. Participants will gain a thorough understanding of the porcelain, along with step by step demonstrations of build up, contour and staining.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Advanced Porcelain Build-Up Techniques

A Two-Day Live Patient Participation Course
Instructor: Dr. Ed McLaren

In this two day course you will learn how to layer porcelain using the "Skeleton Build-Up Technique" to create restorations for the patient that create the illusion of reality.The instructor will demonstrate the latest techniques in shade-taking using the 3D-Master shade guide and the VITA Easyshade. The class will take their own shades from the patient and fabricate centrals #8 and #9 in Spinell or In-Ceram YZ Zirconia (determined by needs of patient). Dr. McLaren will also lecture on prep design, impression taking and material information with use of the Sirona inLab milling machine.

Vident will provide the appropriate working model and In-Ceram YZ or In-Ceram coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

VITAVM®9 Layering Workshop

Instructor: Dr. Ed McLaren

The demonstration/hands-on course will feature advanced porcelain techniques using the new VM®9 porcelain from VITA. A porcelain building technique called the Skeleton Buildup Technique will be detailed. All aspects of esthetic design for the development of natural-looking teeth will be covered. Models, dies, and VITA In-Ceram YZ copings will be provided for the participants ready for porcelain application. Esthetic framework design and porcelain margin techniques will be featured, with specific attention given to building the various layers of ceramic that allow the development of optical properties in the final restoration that mimic natural teeth. This is a two day course taught over one long day. THE COURSE RUNS FROM 8AM TO 7PM. This is done to accommodate the busy work schedule of most ceramists and to minimize days out of the lab.

Topics covered:

- Coping design to maximize esthetics while not affecting strength
- Margin techniques
- How to layer and achieve the correct color and ideal translucency
- Individual characterization
- Individual tooth form
- Finishing techniques, definitive shaping, staining, glazing, and final polishing.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Creating the Illusion of Nature:

Esthetics with Staining and Glazing
Various Instructors Available

This limited participation, hands-on experience of porcelain placement and esthetic effects will challenge your imagination and hone your creative talents. The instructor will guide you through a complete understanding of the material science and clinical applications of CAD/CAM milled ceramics and wear-kind porcelain. The stain and glaze techniques apply to conventional porcelain-fused-to-metal, all-ceramic and CAD/CAM milled ceramic restorations.

Topics will include:

- Surface texture
- Axial contour enhancement
- Cutback and VITAVM®9 layering techniques
- Color science and shade
- Occlusal morphology
- Esthetic color effects
- Optimizing marginal fit
- Akzent modifiers

Vident will provide the appropriate working model and Vitabloc® restoration(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Digital Sculpturing Of Esthetic Veneers

Design and Control With The Sirona CAD/CAM System
Various Instructors Available

Today's ceramic technician is always looking for faster and more efficient ways to fabricate esthetic veneers with consistent quality. Sometimes foil and refractory veneer techniques are tedious and require painstakingly slow processes to develop the final restoration. When time is money and the technician doesn't have the time to wait for porcelain application, the Sirona inLab® system offers the perfect solution: a quick method to design and fabricate a working veneer in less than 20 minutes. Go beyond fabricating veneers using the foil or refractory method; get the most performance out of your Sirona inLab system by designing and milling esthetic veneers. This hands-on program will show you how to properly take acquisition images of the model, then virtually design, select the appropriate VITABLOCS® size and shade, and mill a veneer. Learn how to cut back and then add-on to TriLuxe forte and Mark II milled restorations using VITAVM®9 porcelains. VM9 effect powders with excellent wear properties are used to manage the creation and placement of desired effects. These powders blend with the VITABLOCS, illuminating and adding to the beauty of CAD/CAM veneers. Akzent stains will be used to further achieve the correct shade and/or line angles to replicate natural dentition.

Each attendee will have the opportunity to design, mill, and add-on to central veneers and explore the following:

- Overview of the latest Sirona inLab software
- Capture the ideal image using the Sirona inEos digitizer
- Methods of veneer design using the best mode that fits your style
- VITABLOCS® selection
- Cut-back and VITA VM®9 add-on techniques for individual characterization
- Cementation protocols

Vident will provide the appropriate working model and Vitabloc at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Digital Contouring of all-ceramic CAD/CAM Restorations and Advanced Porcelain Layering featuring VITAVM®9 Ceramics

Various Instructors Available

These limited attendance programs are designed as a two-part series that provides the technician with a choice of attending either program or both at a reduced rate.

It's time to maximize your Sirona inLab® System and create all-ceramic restorations that uniquely replicate natural dentition. On the first day, explore digital sculpturing of all-ceramic restorations using the newest Sirona inLab software and technology and then enjoy a second day of mastering the illusion of nature using VITAVM®9 fine structured ceramic material on milled restorations.

Continued on page 22

Program One* Learn about upcoming innovations, software advancements in the newest Sirona software and maximize your lab's digital success. Using practical casework from your own lab, fully experience the benefits that this unique program offers. Bring to the course any one of your difficult case models ready to mill: veneer, inlay/onlay, or full contour restoration (one unit per attendee). You will have the opportunity to discuss your case and have one of the most experienced inLab users provide you valuable insight on creating the highest quality inLab restoration. This one-day demonstration and hands-on workshop will provide an understanding of the benefits of incorporating the Sirona inLab CAD/CAM system into the laboratory and maximize the profitability of your existing Sirona inLab system. The program will also feature the opportunity to use and explore the new Sirona inEos® scanner, which speeds up production.

This one-day course will provide exploration into the following:
- Scanning Models via Powder or Scan Stone Using inEos (optical) Technologies
- Manual Correlation
- Reduced and Partially Reduced Crown/Bridge Mode
- Newest Sirona inLab Software Design Tools
- Material Selection – When and Why?
- Getting the Most out of Your Sirona inLab by Producing Veneers, Inlays/onlays, and Full Contoured Restorations

Participants are required to bring:
- One case model from your lab with a single unit of your choice: veneer, inlay/onlay, or full contour restoration combination, including implant supported substructures.

*Limited sizes and material choices will be available. To ensure the block of your choice, please contact us in advance of the course date. If time will not permit your individual case to be milled, you will still receive a block to mill at your lab. Also recommended: bring with you a memory stick to save your work data/file. If you have any questions, please contact us at (888) 249-1640.

Program Two A full day of exploring and fabricating the ideal all-ceramic restoration using VITAVM®9. The instructor's vast understanding of anatomy and color reproduction will provide attendees a remarkable opportunity to learn the many pearls of layering techniques to replicate nature. Using a VITA In-Ceram® YZ coping produced with the Sirona inLab system, each student will build a single central inVizion® restoration. The combination of a strong and reliable VITA In-Ceram YZ zirconia coping (over 900 mpa) layered with VM®9, a fine structured, low wear, and user friendly ceramic material, produces a restoration that is beautifully life-like. Learn to use VM®9 fluorescent and opalescent powders for customizing esthetics, along with VITA Interno effect powders and VITA Akzent stains to reproduce delicate shade and light effects and to create natural tooth characterizations.

This one-day course will provide exploration into the following:
- Simplified VM®9 layering techniques to create natural effects
- Shade Selection Featuring the 3D-Master® Shade Guide
- Shade Communication, Dentist-Patient-Lab: A Team Approach
- Creating 3-Dimensional Effects with Akzent colors
- Surface Texture and Gloss Control to Duplicate Natural Tooth Enamel Finish

Day Two participants are required to bring:
- Personal burs, diamonds, discs for grinding ceramics, and instruments for mixing and applying porcelains
- Safety glasses and mask

Vident will provide model and VITA In-Ceram YZ coping for porcelain layering.

Esthetic Veneering CAD/CAM Frameworks with VITAVM®9

Various Instructors Available

The instructor will discuss the evolution of their material of choice, VITAVM®9. This state-of-the-art porcelain is used to veneer Sirona inLab® In-Ceram® Zirconia, high strength In-Ceram YZ® (yittria-stabilized zirconia), VITABLOCS® Mark II and VITABLOCS® TriLuxe blocks. The program will provide an overview of the properties of VITA CAD/CAM ceramics and the manipulation of the veneering materials needed to replicate nature.

Participants will complete an In-Ceram YZ single central incisor using specialized porcelain build-up techniques. Achieving esthetic excellence with custom contouring, surface texture, incisal detail and morphological details will be featured. Participants will need to bring a lamp, a handpiece with diamonds, stones to finish porcelain, personal ceramic instruments and brushes.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Esthetic Veneering with VITAVM®9 for CAD/CAM Frameworks

All-Ceramic Layering Workshop

Instructor: Ky Hale

Ky will discuss the evolution of his material of choice, VITAVM®9. This state-of-the-art porcelain is used to veneer Sirona inLab® In-Ceram® Zirconia, high strength In-Ceram YZ® (yittria-stabilized zirconia), VITABLOCS® Mark II and VITABLOCS® Triluxe blocks. The program will include an overview of the properties of VITA CAD/CAM ceramics and the manipulation skills necessary to veneer materials used to replicate nature. Participants will complete a single anterior and posterior InVizion® crown and work with an anterior VITABLOCS® Mark II restoration. The program will also provide an insight into the nuances of VITAVM®9 porcelain. Porcelain materials from the VITAVM®9 Professional kit like Effect Powder, Effect Pearl, and Effect Opal will be featured.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

CAD/CAM and Esthetic Veneering Materials with VITAVM®9

Instructor: Mike McIntee, CDT

Mike will discuss the evolution of his material of choice, VITAVM®9. This state-of-the-art porcelain is used to veneer Sirona inLab® In-Ceram® Zirconia, high strength In-Ceram YZ® (yittria-stabilized zirconia), VITABLOCS® Mark II and VITABLOCS® TriLuxe blocks. The program will provide an overview of the properties of VITA CAD/CAM ceramics and the manipulation of the veneering materials needed to replicate nature. Participants will complete an In-Ceram YZ single central incisor using specialized porcelain build-up techniques. Achieving esthetic excellence with custom contouring, surface texture, incisal detail and morphological details will be featured.

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Esthetic Realism in the All-Ceramic Restoration with VITAVM®7

Instructor: Ky Hale

In real world dentistry, it is essential to use a porcelain layering technique with a material that enables us to closely reproduce nature. This material exists in the form of VITAVM®7, the user-friendly porcelain with excellent wear rate used on alumina frameworks; including In-Ceram Spinell, Alumina and Zirconia.

This course will educate the experienced ceramist in the simplified and systematic approach to using VM®7 to create the most natural-looking ceramic restorations possible. Each attendee will learn how to modify conventional 2- and 3-powder build-ups using special effect powders made specifically for VM®7. Effect Chromas, Effect Enamels, Effect Liners, Effect Pearls, Effect Opals and Mamelon powders will be included in the tools ceramists will use to precisely match the patient's dentition.

Vident will provide the appropriate working model and In-Ceram coping(s) at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Fabrication Of Esthetic All-Ceramic Restorations Using VITA In-Ceram®

Various Instructors Available

This three-day course is designed to introduce participants to the VITA In-Ceram® system using a hand-slipping technique. The program will provide each student with the necessary tools to fully incorporate the In-Ceram system into their laboratory. Each participant will fabricate a single Spinell anterior, a single Alumina posterior and a three-unit Zirconia posterior bridge that fit precisely and are esthetically pleasing. Step-by-step procedures on how to accurately duplicate master models, block-out die undercuts, and prepare dies for single and bridge frameworks will be demonstrated. Each participant will also learn how to mix the In-Ceram slip material and how to handle it for optimum fit. The sintering, glass infiltration, proper treatment for porcelain application and veneering of In-Ceram with VITAVM®7 porcelain will also be accomplished by each participant.

In addition to the In-Ceram hand-slipping technique, an introduction to a new slip dipping unit called the ELC-One will be demonstrated. Used to automate the slipping process, this unique CAM technology increases productivity, ensures consistent slipping quality, and helps save labor costs. The ELC-One produces copings and bridges using In-Ceram Alumina and Zirconia materials.

At the end of this course, each student will have a working knowledge of VITA In-Ceram materials and will be able to fabricate all case indications for In-Ceram.

Additional topics will include the following:

- VITA In-Ceram slip build-up techniques
- Slip repair
- Firing cycles; time, temperatures, furnace requirements
- Finishing of In-Ceram frameworks
- Compatible Vita porcelains and application
- Matching teeth using the VITA 3D-Master® shade guide
- Introduction to a new, time and money-saving In-Ceram technique using the ELC-One process

A Practical and Functional Approach to Natural Esthetics in a Competitive Market

Level I - An efficient, predictable, and profitable approach to metal ceramics

Instructor: William Mrazek, BS, CDT

Even in today's ever-changing world of dental technology, the porcelain-to-metal restoration remains the restoration of choice in many dental practices. The challenge for the dental laboratory, regardless of size, is to produce a functional and esthetic restoration in a predictable, efficient, and profitable manner. This is especially true in today's competitive marketplace. Predictability, efficiency, and profitability are directly and ultimately related to two components in the fabrication process: materials and technique.

This comprehensive lecture/demonstration/hands-on course will include color theory and the VITA 3D-Master® shade system, shade taking procedures, and a thorough review of the features, components, and benefits of the VITA VM®13 porcelain system. The philosophy of 'form follows function' will also be presented, along with a demonstration of Bill Mrazek's Functional Build-up Technique which incorporates all of the functional movements, occlusal contacts, anatomy, and contours in the build-up, regardless of number of powders used. The average build-up time per unit is 14 minutes utilizing 4 powders, with only 3 minutes of adjustments required after firing prior to glazing.

Upon registration, participants will be provided with prepped models to articulate, and then create a single anterior casting designed for a labial porcelain butt margin, and a single posterior casting with metal margins. In the interest of time, the castings should be degassed and ready for opaque application prior to arriving at the course. Each participant will then complete the restorations, including staining and glazing, utilizing the information, materials, and techniques presented. Participants need to bring personal ceramic instruments, brushes, an electric handpiece, and diamonds and/or stones to finish porcelain. All other materials will be provided by Vident.

2-DAY WORKSHOP

Combination Introductory And Advanced Course A Practical And Functional Approach To Natural Esthetics In A Competitive Market

Level II - "Meeting every challenge"

Instructor: William Mrazek, BS, CDT

A continuation of the material presented in the introductory 'Practical & Functional Approach to Natural Esthetics' Level I course, this workshop will provide additional information and techniques to create minimal shrinkage in bridgework, offering the opportunity to frequently complete bridges in only 1 build. It also will include the fabrication of a single unit anterior restoration that is treated as a custom shade. Each participant will select from multiple photographs of highly characterized anterior teeth. The exercise is to treat this photograph as if it were a patient coming to the laboratory for a custom shade. Time will be allowed to create any drawings and notes regarding the shade and characterization of the tooth in the photograph. Once the notes and drawing are completed, the photograph is collected. The restoration is then built according to those notes. Once the restoration is fired and contoured, stain liquid is applied to the surface to simulate a finished restoration. The photograph is then returned to the participant to compare how accurately it was reproduced. This is a fun and challenging exercise that presents a tremendous real-world learning experience and emphasizes the versatility of the VITA VM® Professional Kit.

In addition to the castings needed for the introductory course, each participant is required to fabricate a posterior 3-unit bridge framework, as well as a single-unit anterior coping on the same models already provided. In the interest of time, it is asked that the anterior unit not be designed with a porcelain butt margin. The castings should also be degassed and ready for opaque application prior to arriving at the course.

A Practical and Functional Approach to Natural Esthetics with In-Ceram YZ Restorations

Introductory Course - An efficient, predictable, and profitable approach for today's competitive market

Instructor: William Mrazek, BS, CDT

The introduction of milled VITA In-Ceram® YZ understructures has revolutionized the market for metal-free restorations. While the In-Ceram YZ coping/understructure provides exceptional strength, light transmission, and ease of conventional cementation at delivery, it is the ceramic that is layered over the understructure that creates the final functional and esthetic restoration. It is important that the ceramic chosen for this purpose not only provide accurate shade reproduction and light transmission, it also must provide working properties and 'technician-friendly' characteristics similar to those of metal veneering porcelain systems. VITA's VM®9 is designed to provide not only highly esthetic restorations, but also a smooth and predictable incorporation into any size dental laboratory.

This comprehensive lecture/demonstration/hands-on course will include color theory and the VITA 3D-Master® shade system, shade taking procedures specific to metal-free restorations, emphasis on In-Ceram YZ understructure designs, and a thorough review of the features, components, and benefits of this porcelain veneering system. The philosophy of 'form follows function' will also be presented, along with a demonstration of Bill Mrazek's Functional Build-up Technique which incorporates all of the functional movements, occlusal contacts, anatomy, and contours in the build-up, regardless of number of powders used. The average build-up time per unit is 14 minutes utilizing 4 powders, with only 3 minutes of adjustments required after firing prior to glazing.

Each participant will build and complete a single unit anterior and single unit posterior unit, including staining and glazing. All models, dies, and VITA In-Ceram YZ copings will be provided by Vident. Participants only need to bring personal ceramic instruments, brushes, an electric handpiece, and diamonds and/or stones to finish porcelain.

New and Versatile Pressable Ceramic Technology for Today's Market

Introductory Course - An efficient, predictable, and profitable approach to pressable ceramics

Instructor: William Mrazek, BS, CDT

Pressable ceramic technology has established itself as an accepted and versatile process for fabricating strong, accurate-fitting, and highly esthetic metal-free restorations. The ability to press ceramic over VITA In-Ceram® YZ understructures has introduced a new level of strength to cementable metal-free pressed restorations. It also presents the capability to fabricate more translucent and vital restorations than a pressed-to-alloy restoration. The fee to the dentist also is consistent, as a pressed-to-In-Ceram YZ restoration is not affected by fluctuating alloy costs. VITA's new PM®9 pressed ceramic system provides the ability for any size laboratory to create pressed-to-zirconia crowns and bridges, stand-alone inlays, onlays, veneers, and anterior full-coverage restorations. The restorations can be designed for layering with VITA's VM-9 ceramic veneering system, or pressed to full-contour and surface stained with VITA's Akzent stains.

This comprehensive lecture/demonstration/hands-on course will include color theory and the 3D-Master shade system, shade taking procedures specific to metal-free restorations, emphasis on In-Ceram YZ understructure designs, and a thorough review of the features, components, and benefits of both of these porcelain systems. Tips on efficient and predictable techniques for pressing will also be provided. Attention will also be given to identifying, based on preparation design, when it is best to press and layer or press to full contour, as well as the market niche for each type.

Each participant will complete a pressed stand-alone anterior restoration designed for cut-back and layering, as well as, a pressed-to-In-Ceram YZ full-contour posterior restoration designed for staining and glazing. All models, dies, PM®9 pressed-to-In-Ceram YZ copings, and VM®9 ceramic veneering materials, stains, and glaze will be supplied by Vident. Participants only need to bring personal ceramic instruments, brushes, an electric handpiece, and diamonds and/or stones to finish porcelain.

VITA 2-Day Hands-on Workshop

The 'Total System Approach' for Ceramic Restorations in a Competitive Market

An efficient, predictable and profitable approach to every type of ceramic restoration

Instructor: William Mrazek, BS, CDT

In order for a laboratory of any size to compete effectively in today's marketplace, it must have the ability stay current and provide the dentist with the wide variety of restoration choices available in an ever-changing technological environment. The advent of metal-free restorations and the esthetic benefits they offer has greatly expanded the options for restorative choices beyond the days of porcelain fused-to-metal, full-gold crowns, and cast inlays/onlays. Because of the wide variety of materials and designs available, it is becoming more common for the dental laboratory to receive 'combination cases'. Very often, an all-ceramic laminate veneer may be placed next to a PFM bridge, full-coverage all ceramic crown, or other type of restoration. Because the various technologies (PFM, pressed ceramics, milled ceramics) and materials (various alloys, alumina, and zirconia) were developed and introduced at different times, laboratories found themselves with a variety of ceramic systems for the different technologies. Unfortunately, many of the systems were not compatible from a color standpoint due to different approaches in shade matching by the variety of manufacturers of ceramic veneering material. These differences unfortunately become very apparent when a combination case needs to be fabricated.

Fortunately, a "Total System" approach can be achieved with VITA's VM®13, VM®9, and PM®9 porcelain systems. Porcelain fused-to-metal, layered In-Ceram YZ, and pressed-to-In-Ceram YZ and/or pressed full-contour restorations can be fabricated in an efficient, predictable, and profitable manner with these systems. The combination case is no longer the challenge it used to be, nor is it necessary for the patient to accept a compromise in esthetics due to different restorations being placed next to each other.

This comprehensive 2-day lecture/demonstration/hands-on course will include color theory and the VITA 3D-Master Shade System, shade taking procedures for both metal and metal-free restorations, and a thorough review of the porcelain systems mentioned above. The philosophy of 'form follows function' will also be presented along with a demonstration of Bill Mrazek's Functional Build-up Technique which incorporates all of the functional movements, occlusal contacts, anatomy, and contours in the build-up, regardless of number of powders used.

Upon registration, participants will be provided with prepped models to articulate, and then create a single posterior casting designed with a buccal porcelain butt margin. The casting should be degassed and ready for opaque application prior to arriving at the course. Each participant will also be supplied with an anterior In-Ceram YZ coping ready for porcelain application, and two pressed restorations (one for layering, and one for full-contour staining and glazing).

Participants need to bring personal ceramic instruments, brushes, an electric handpiece, and diamonds and/or stones to finish porcelain. All other materials will be provided by Vident.

VITA 2-Hour Podium Lecture

The 'Total System Approach' for Ceramic Restorations in a Competitive Market

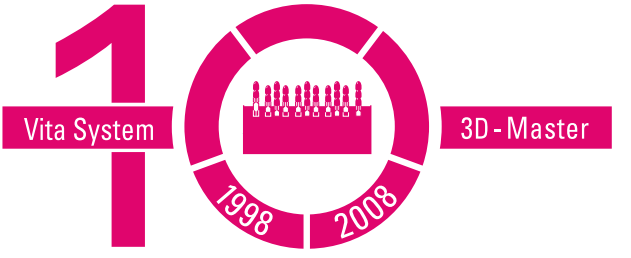
An efficient, predictable and profitable approach to every type of ceramic restoration

Instructor: William Mrazek, BS, CDT

In order for a laboratory of any size to compete effectively in today's marketplace, it must have the ability stay current and provide the dentist with the wide variety of restoration choices available in an ever-changing technological environment. The advent of metal-free restorations and the esthetic benefits they offer has greatly expanded the options for restorative choices beyond the days of porcelain fused-to-metal, full-gold crowns, and cast inlays/onlays. Because of the wide variety of materials and designs available, it is becoming more common for the dental laboratory to receive 'combination cases'. Very often, an all-ceramic laminate veneer may be placed next to a PFM bridge, full-coverage all ceramic crown, or other type of restoration. Because the various technologies (PFM, pressed ceramics, milled ceramics) and materials (various alloys, alumina, and zirconia) were developed and introduced at different times, laboratories found themselves with a variety of ceramic systems for the different technologies. Unfortunately, many of the systems were not compatible from a color standpoint due to different approaches in shade matching by the variety of manufacturers of ceramic veneering material. These differences unfortunately become very apparent when a combination case needs to be fabricated.

Fortunately, a "Total System" approach can be achieved with VITA's VM®13, VM®9, and PM®9 porcelain systems. Porcelain fused-to-metal, layered In-Ceram YZ, pressed-to-In-Ceram YZ with both full contour or cut-back and layered possibilities, and pressed full contour or cut-back and layered 'stand-alone' zirconia-free restorations can be fabricated in an efficient, predictable, and profitable manner with these systems.
The combination case is no longer the challenge it used to be, nor is it necessary for the patient to accept a compromise in esthetics due to different types of restorations being placed next to each other.

This comprehensive PowerPoint/lecture will include color theory and the VITA 3D-Master® shade system, shade taking procedures for both metal and metal-free restorations, and a thorough review of the porcelain systems mentioned above. The philosophy of 'form follows function' will also be presented along with Bill Mrazek's Functional Build-up Technique which incorporates all of the functional movements, occlusal contacts, anatomy, and contours in the build-up, regardless of number of powders used.



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VITA®

LECTURE

CEREC® and CAD/CAM Ceramics

A Comprehensive Overview of Materials

Instructor: Robert Kelly, DDS

CEREC began life as a concept. For over twenty years, issues regarding the machinability of ceramics, bonded restorations, criteria of "fit" for longevity, and the esthetic potential of monochromatic materials were all raised, challenged and then settled by CEREC users and investigators. Simplifying concepts will be examined to help distinguish among ceramics, including esthetic materials and substructure ceramics, for numerous CAD/CAM systems. Clinical data will be reviewed for all restorative and prosthodontic applications of ceramics.

The participants will:

- Be provided two simplified approaches to organize dental ceramics, and appreciate how and why they have evolved.
- Understand alumina, zirconia and the status of CAD/CAM systems today and in the near future.
- Acquire an up-to-date understanding of the indications and contraindications for current all-ceramic systems: keys to minimizing failure and maximizing esthetics.
- Gain an appreciation for the scientific basis (or lack of) behind recommendations for preparation design and steps such as sandblasting, etching and bonding.

Tomorrow's Dental Technologies Today

Instructor: Dr. Russell Giordano, DMD, DMSc, FADM, Cert. Pros.

A comprehensive overview of a variety of materials and technologies will include all-ceramic restorations, milled restorations and shade selection and control.

High Strength All-Ceramic Restorations The lecture will discuss the rationale for use and clinical selection based on properties such as strength, translucency and composition.

CAD/CAM systems allow the use of a variety of materials for full contour and framework-based restorations. The physical properties, tooth preparation and cementation of these materials serves as a background for the discussion of how these materials fit into the spectrum of esthetic restorative dentistry.

Mentoring with the Master

A Vident High-Tech Experience
Instructor: Vanik Jinoian, MDT

Mentor. Teacher. Researcher. Vanik Jinoian, CDT, is all of these and more for the Sirona inLab® System and VITA's In-Ceram®, VITABLOCS® and In-Ceram YZ products. Vanik's dental laboratory is a primary development site for visionary software and materials that are being developed for CAD-CAM. This is your chance to have him share his knowledge and experience with you.

Vident presents an opportunity for you to learn of upcoming innovations, software advancements and how you can maximize the performance of your own Sirona inLab System.

Vanik has chosen a lecture/demonstration format to provide ample time to address individual questions regarding all CAD/CAM related concepts, past, present and future. Impressionless dentistry? Customized implant abutments? Castable milled patterns? The anterior anatomy library? You ask the questions and Vanik will provide the answers.

Please note that, as with all Vanik Jinoian programs, "A Vident High Tech Experience" will probably sell-out. Early registration is essential.

Expanded Sirona inLab® Profitability

Various Instructors Available

Fast-track your lab's digital success using the latest Sirona inLab software and VITABLOCS® materials. This lecture/demonstration will provide the Sirona inLab user with information on the newest software release, and the advantages of In-Ceram YZ large blocs, VITABLOCS® TriLuxe forte 14/14, and CAD-Waxx, a millable wax substitute. The program will review existing software applications, new software design features, frequently asked questions, the latest bloc material and will show how to maximize the use of your inLab system.

Newest Sirona inLab software release

- Manual Correlation
- Bridge Dental Database
- Reduced and Partially-reduced Crown/Bridge Mode
- Interactive Bur Dialogue
- New Spacer

VITA In-Ceram® YZ large blocs, VITABLOCS® TriLuxe forte 14/14, CAD-Waxx, CAD-Temp

- Material Selection – When and Why
- Tricks and Tips on Full Contour Crowns and Frameworks
- Getting the Most out of Your Sirona inLab using the latest bloc materials

Combining the newest Sirona inLab software and introducing new bloc materials from VITA will provide your lab with the tools to maximize the production you expect from your CAD-CAM system. Join us for a fun-filled 2 hour interactive program.

HANDS-ON WORKSHOP

High Strength and Extraordinary Beauty with CAD/CAM

Various Instructors Available

Lab-Processed Restorations

Reproducing a natural esthetic effect while maintaining adequate strength in specific high-load conditions is a difficult task that is often required of dental ceramists. This program will provide an overview of the properties and techniques used for VITA CAD/CAM ceramics and will cover the manipulation of compatible veneering materials needed to replicate nature.

The porcelain used to veneer VITA In-Ceram YZ (yittria-stabilized zirconia), Vitabloc® Mark II and TriLuxe® forte blocks is VITAVM®9. Your instructor will demonstrate a simplified, systematic approach to creating the most natural-looking ceramic restorations possible. Each attendee will learn how to build, fire and contour full high-strength all-ceramic crowns using VITAVM®9's 2- and 3-powder build-up techniques. All attendees will come away with a thorough understanding of VITAVM®9 and how it can raise the bar of all-ceramic restorative dentistry. Participants will complete a VITA In-Ceram YZ single central incisor using specialized porcelain techniques.

Topics include:

- Custom contouring
- Achieving the proper surface texture
- Incisal and morphological detail

Vident will provide the appropriate working model and In-Ceram YZ coping(s) at the course. Participants will also need to bring a personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Three-Day Basic inLab/inEos® Course

THE FUTURE IS NOW!

THE SIRONA inLab-inEos EXPERIENCE

Various Instructors Available

Our goal is to provide you the best hands-on learning experience possible. Since the introduction of the Sirona inLab® in 2002, Vident's Technical Trainers have taught hundreds of inLab courses. These courses have certified hundreds of dental technicians, dentists, and dental professionals in the application of digital dentistry and the proper fabrication of all-ceramic restorations.

The experience of our technical training staff with the inLab software is unsurpassed, and their knowledge of the software, stemming from daily use over the years, adds a quality to your training that is highly practical and insightful. We were there with Sirona when the dentists CEREC unit was introduced and we were there when the inLab was launched. Our long history with Sirona CAD/CAM systems helped Vident design the best training experience possible, and as the software and materials continue to change and improve, we continually adapt our training to incorporate the latest technology, assuring you an extremely thorough, high-tech educational experience.

This three-day program is designed to introduce each participant to the Sirona inLab and inEos acquisition unit, and will explore and capture the basic understanding of optical scanning, design and shaping of single unit copings, bridge frameworks, and full contour restorations.

The course will also provide each participant an opportunity to learn and understand the proper use and processing of Vitabloc® materials such as VITA In-Ceram® Spinell, TriLuxe forte, VITA In-Ceram YZ yttrium stabilized zirconia, Cad-Waxx and CAD-Temp. Application of new generation wear kind porcelains, VITAVM®7 for In-Ceram materials and VITAVM®9 nano technology porcelain for In-Ceram YZ frameworks and cut-back/ add-on techniques for full contour crowns will also be discussed.

DAY ONE

- Overview of the Sirona inLab system
- Overview of the available block materials and selection
- Science and spectrum of materials and their purpose through inLab machining
- Tooth preparation guidelines to model/die fabrication including model spray, powders, and reflective stone/die materials
- Computer/3D software orientation and implementation – getting started!
- Calibration of equipment
- Scan anterior and posterior single dies using available options; inLab laser, inEos optical, copings for In-Ceram Spinell and In-Ceram YZ/inVizion® restorations
- Scanning of dies using the inLab laser, inEos optical (rotational and top view)

Continued on page 38

DAY ONE

- Designing single copings using the latest Sirona inLab 3D-Software and its powerful tools
- Milling single copings using Standard or MC XL milling units
- Scanning, designing, and milling a 3-unit anterior bridge
- Preparation and scanning of "Antagonist" bites

DAY TWO

- Scanning a single molar die and "Antagonist" for a "Full Contour" restoration to be milled with the newest layered block material: TriLuxe forte
- Designing the restoration using settings and parameters for spacer, virtual grinding, proximal contact strength
- Scanning, designing, and milling a CAD-Waxx 3-unit posterior bridge using the 'Reduction" mode software tools
- Lunch and learn of how to market your newly developed skills and workmanship to your customers – presented by the Vident Marketing team
- Laboratory techniques used to finish and prepare milled copings and bridges
- Glass infiltration and processing of the Spinell coping
- Coloring and sintering of the In-Ceram YZ frameworks using a VITA ZYrcomat sintering furnace
- inLab "Family Night Out". Join us for a memorable night out and experience the fun and comradeship of having dinner with your fellow inLab users – Presentation of certification awards and five-star dinner with entertainment

DAY THREE

- Scanning, designing and milling of an anterior die for a full contour temporary restoration to be milled with CAD-Temp provisional material
- Treating and handling yttrium-stabilized zirconia frameworks
- Maintenance and troubleshooting of milling units and scanning devices
- Complete rundown and repeat scanning/designing of restorations with emphasis on manipulating the copings/frameworks; obtaining the proper scan, parameters and settings, optimizing marginal fits, spacers and adhesive gaps, and what not to do!
- Q&A session - Causes of problem scans, poor marginal fits, design issues
- When to use "Quadrant" and "Replication" functions
- Reducing costly remakes using a system approach to shade taking; 3D-Master® and benefits to your lab
- Layering of frameworks using VITA VM® porcelains; VM®7 and VM®9

COURSE HIGHLIGHTS / OBJECTIVES:

At the end of this course, each participant will understand and be able to:

- Correctly set-up the inLab, inEos acquisition unit to a computer to achieve communication
- Understand appropriate tooth preparations, limitations, and necessary corrective solutions
- Operate and capture images using both the inLab and inEos systems along with the application of materials used for ideal image capture (scan spray, powder, scan stones, etc.)
- Intense training on practical use of the inLab milling unit that will enable each hands-on participant to have the ability to mill single units, bridges and full contour crowns as soon as they arrive back in their lab

Continued on page 39

- Understand the Sirona software, application and function of available tools; edit, design, reduction mode, utilizing antagonist scans, and use of many other menu features and tools to develop the perfect framework/crown design
- Manipulate image files for email (export / import – infiniDent advantage)
- Understanding of block materials and the advantages/nuances of using the right material for the right restoration
- Porcelain application to create natural looking restorations with machinable materials, featuring VITA porcelain

Vident will provide the appropriate working model(s), milling blocks, and necessary scanning and milling materials at the course. Participants will need to bring a personal instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Two-Day Refresher – "Fast Forward" Series

Refresh Your Sirona inLab-inEos Experience
Using a "Fast Forward" Approach
Various Instructors Available

This two day program is designed to reintroduce the Sirona inLab, inEos acquisition unit, and milling unit (Standard / MC XL) to existing users looking to maximize their all-ceramic investment. Each participant will explore and recapture the understanding of laser/optical scanning, design and shaping of bridge and crown restorations with an emphasis to bring the technicians inLab experience up a notch.

Experienced high tech trainers will guide the Sirona inLab user through the necessary understanding and tools that will help achieve productivity, reliability, and esthetics. The most current Sirona inLab software will be utilized during this course so that each technician can stay current and proficient back at their lab.

DAY ONE

- Review of clinical aspects; guidelines of tooth preparation
- Review of laboratory aspects; model spray, powders, and reflective stone/die materials
- Review of maintenance – prevention of scanning / milling errors!
- Calibration of scanning units (inEos/milling) – when and why
- Model preparation – pin or not to be pinned
- Creating a good scan - Understanding "depth of field" boundaries to reduce spikes, poor images that can lead to scan errors
- Stitching the scans together and making the file right
- Antagonist scans
- Review of data files and the settings/parameter tools
- Introduction to New tools and software features
- Designing a bridge framework and maximizing framework design using the reduction tools
- Milling of yttrium-stabilized zirconia frameworks (In-Ceram YZ)
- Working with and processing milled frameworks to sinter

Continued on page 40

DAY TWO

- Designing of restorations, inlay/only preparations
- Material choices; feldspathic blocks, CAD-Waxx, Cad-Temp
- Quadrant mode – functions and uses
- Designing framework to support long-term success
- Fit check of margins and design review
- What to do when not ideal – setting and parameter issues
- Review of appropriate materials to shape frameworks
- Preparation of framework for ceramic layering
- Press-to-zirconia with PM®9 materials
- Polishing vs. furnace firing
- Understanding importance of maintenance and when/why "calibration" is necessary
- Handling difficult cases
- Getting you updated and provided with the latest software and information

COURSE HIGHLIGHTS / OBJECTIVES:

At the end of this course, each participant will understand and be able to:

- Operate and capture images using both the inLab and inEos systems along with the application of materials used for ideal image capture (scan spray, powder, scan stones)
- Understand the difference between a good scan and a great scan
- Intense training on practical use of the Sirona inLab software and milling unit that will enable each hands-on participant to have the ability to mill bridge frameworks, full contour crowns, inlay/onlays, and design using the reduction mode
- Understand and utilize antagonist scans
- Understanding of block materials and the advantages/nuances of using the right material for the right restoration

Vident will provide the appropriate working model(s), milling blocks, and necessary scanning and milling materials at the course. Participants will need to bring a personal instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.

Digital Sculpturing Of Esthetic Veneers

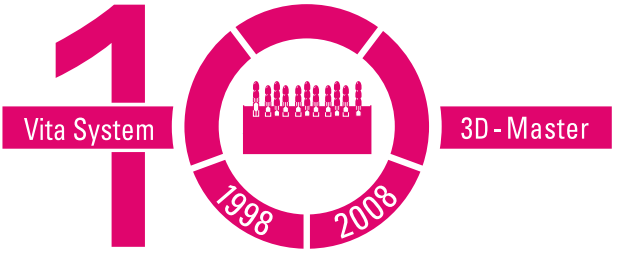
Design and Control With The Sirona CAD/CAM System
Various Instructors Available

Today's ceramic technician is always looking for faster and more efficient ways to fabricate esthetic veneers with consistent quality. Sometimes foil and refractory veneer techniques are tedious and require painstakingly slow processes to develop the final restoration. When time is money and the technician doesn't have the time to wait for porcelain application, the Sirona inLab® system offers the perfect solution: a quick method to design and fabricate a working veneer in less than 20 minutes. Go beyond fabricating veneers using the foil or refractory method; get the most performance out of your Sirona inLab system by designing and milling esthetic veneers. This hands-on program will show you how to properly take acquisition images of the model, then virtually design, select the appropriate VITABLOCS® size and shade, and mill a veneer. Learn how to cut back and then add-on to TriLuxe forte and Mark II milled restorations using VITAVM®9 porcelains. VM9 effect powders with excellent wear properties are used to manage the creation and placement of desired effects. These powders blend with the VITABLOCS, illuminating and adding to the beauty of CAD/CAM veneers. Akzent stains will be used to further achieve the correct shade and/or line angles to replicate natural dentition.

Each attendee will have the opportunity to design, mill, and add-on to central veneers and explore the following:

- Overview of the latest Sirona inLab software
- Capture the ideal image using the Sirona inEos digitizer
- Methods of veneer design using the best mode that fits your style
- VITABLOCS® selection
- Cut-back and VITA VM®9 add-on techniques for individual characterization
- Cementation protocols

Vident will provide the appropriate working model and VITABLOCS® at the course. You will need to bring your personal electric handpiece, instruments for mixing and applying porcelain, grinding instruments for ceramics and safety glasses.



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VIDENT™

DENTURE TEETH

Dennis Purinton, CDT

VITA®

LECTURE

Changing the Paradigm in Removable Prosthetics

Instructor: Jack Edwards, MDT

This lecture will present the latest techniques and theories on denture occlusion and articulation. Specific emphasis will be placed on esthetics, mould selection, characterization and the fundamentals of functional balanced occlusion. The lecture material is ideal for denture, implant, or crown and bridge technicians as well as dentists who want to learn the latest techniques for esthetic denture set-ups. Jack will tell his secrets of his successful inconspicuous dentures, including:

- Patient profile info
- Mould Selection
- Set Up
- Waxing / festooning / sculpturing
- Stippling / flossing
- Tinting
- Polishing
- "WOW" effect

LECTURE

Predictable and Profitable Dentures

Instructor: Karl K. Wirtz, DDS

All signs and reports show a trend towards a significant increase in full dentures. These projected increases are being driven by the fact people are living longer and Baby Boomers have started turning 60. Baby Boomers have higher expectations for their dentures than seniors of today…and they are willing to pay for them.
The goal of this seminar is to make dentures Predictable (fun) and Profitable for you.

This course will introduce a personalized denture protocol that will guide you through the following:

- Interview and patient selection
- Patient evaluation
- Treatment planning and presentation
- How to discuss finances with your patient
- Denture therapy that is so predictable that you will have fewer or NO post-op adjustments!
- Deliver the quality of services for a case fee that is 3-4X the national average
- How to deliver the goods with demand for a cosmetic denture
- How to use the "puppy close" to "seal the deal"
- Develop and use the "Tongue Stabilizer" for success in severely resorbed mandibles
- Step-by-step how to deliver Fixed Teeth in a ½ Day
- Interim, diagnostic and immediate dentures
- Impression taking: fail here and you will be seeing your patient way too often!
- How to use the very best custom tray to guarantee success
- Occlusal Vertical Dimension – how to treat it
- Combination Syndrome – what to do for this malady
- Combination cases and complex cases

We'll show you tips-and-tricks in the all-important laboratory communication to produce a personalized, characterized denture setup. And, the most important step: selection of denture teeth to determine the occlusal strategy and the cosmetic effect. This one key can make or break your success.

We'll discuss implants, implant-supported dentures, implant attachments and the new standard of care for removable prostheses. We will complete our program with a discussion on how to use a complete denture as a transitional guide to future cosmetic/fixed restorations.

HANDS-ON WORKSHOPS

The Implant-Retained Denture

Instructor: Dennis Purinton, CDT

The standard of care for the fully edentulous patient has been defined as an implant involved denture. Combining a complete denture with dental implants is a complicated process and requires a high skill level between the crown and bridge and denture technician.

This program addresses both specialties and the fusion between the implants and denture. We will discuss, in detail, the fabrication of overdenture bars, including milling and selection of precision attachments. This lecture will give instruction on the fabrication of a complete denture.

A Protar Articulator from Kavo, base plate wax and an APT portable burner will be provided for each student to use. Participants need to bring their favorite denture set up/waxing instruments. All other materials will be provided by Vident.

The Inconspicuous Denture

Instructor: Dennis Purinton, CDT

The instructor will demonstrate proper articulation techniques focusing on mandibular denture stability and lingualized occlusion. Esthetic anterior setups will also be discussed. Utilization of available information, such as landmarks of the mouth, facial shape, and gender are critical and will be thoroughly discussed. Each student will complete one denture set-up with VITA Physiodens® Anterior and Lingoform upper and lower posterior teeth.

A Protar Articulator from Kavo, base plate wax and an APT portable burner will be provided for each student to use. Participants need to bring their favorite denture set up/waxing instruments. All other materials will be provided by Vident.

Technique Advantage : Strategy for Value-Based Prosthetics

Instructor: Alice Sager, CDT

There is no longer the need to fabricate “false teeth” using artificially designed denture teeth. We can now confidently replace the original dentition of the fully or partially edentulous patient with a natural “Bio-Logical” prosthesis.

This course is designed to introduce dentists and technicians to the philosophy and technique of a neuromuscular guided denture. You will be introduced to innovative denture teeth designed to support this concept. The topics discussed will include:

Continued on page 47

- Impression technique
- Occlusal bite records
- Articulation
- Occlusion and set-up technique
- Selective grinding procedures-laboratory and clinical-to maintain "Bio-Logical" movement.

A Protar Articulator from Kavo, base plate wax and an APT portable burner will be provided for each student to use. Participants need to bring their favorite denture set up/waxing instruments. All other materials will be provided by Vident.

Technical and Business Factors Which Make Your Lab More Successful and Profitable With Implant-Supported Overdenture Cases

Instructor: Hamid R. Shafie, DDS, CAGS

Total edentulism has been noted in 5% of adults who are in the 40-44 year old age group. This percentage gradually increases to almost 42% in seniors. However, these percentages are deceiving because the baby boomer generation is greater than people in the over 65 year old age group. We will see significant increases in the number of fully edentulous patients by the time the baby boomers reach ages 65 and higher.

Because of the above fact, all of the implant companies have focused their research and development efforts over the past five year, in creating different implant-supported overdenture solutions for fully edentulous patients.

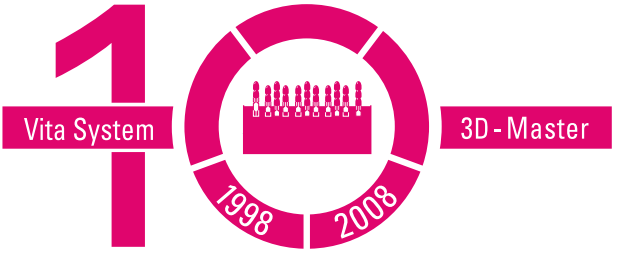
Dental laboratories need to embrace the modern materials and techniques related to different implant-supported overdenture treatment modalities. These new business strategies will result in a higher profit margin and faster growth for the dental laboratory.

Educational Objectives

- Give a guideline for indications and contraindications for the implant supported overdenture
- Biomechanical analysis of implant-supported overdentures
- Give an attachment selection guideline
- Describe various occlusal schemes including Lingualized Occlusion
- Maximize the communication between the dentist and the lab technician
- Teach marketing and business management for dental laboratories with implant-supported overdenture services

Upon completion of this course, participants will be able to:

- Fabricate an implant-supported overdenture over the following attachment assemblies:
    - Stud attachment
    - Bar attachment
    - Rigid non-resilient attachment
- Execute laboratory steps required in fabricating an implant-supported overdenture
- Utilize a new generation of artificial teeth for establishing Lingualized Occlusion
- Know how to set appropriate charges for this type of treatment modality



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INTERNATIONAL COURSES

Visit the VITA Factory in
Bad Säckingen, Germany

VITA®

Learn from a VITA Expert and Experience Europe while learning Veneers and Crowns using VITAVM®9

Various Instructors Available

Discovering the Ultimate Esthetic Result with VITA VM Porcelains. Porcelain layering techniques allow us to come close to simulating nature, but when combined with VITA VM® porcelains, they enable us to reproduce natural teeth to such an extreme that they are virtually exact copies of their natural counterparts. This course will educate the experienced ceramist in using VITAVM®9 porcelains to create the most natural-looking ceramic restorations possible. Each attendee will learn how to modify conventional 2-3 powder build-ups using special effect powders and build-up/finish all ceramic crowns and anterior veneers. Effect Chromas, Effect Enamels, Effect Liners, Effect Pearls, Effect Opals and Mamelon powders will be included in the tools ceramists will use to precisely match the patient's dentition.

Day 1 **VITAVM®9 Posterior Restorations**
3 layering techniques: basic, build-up and advanced

Day 2 **VITAVM®9 Veneers**
Build-up technique, customized to participant's ability, molar build up technique

Day 3 **VITAVM®9**
Finishing of bridge, central and molar

PROGRAM AGENDA

MONDAY . . . . . Leave North America for Zurich, Switzerland

TUESDAY . . . . . Arrive Zurich, bus to Bad Sackingen, Germany
Welcome dinner hosted by VITA

WEDNESDAY thru VITA VM®9 training course
FRIDAY . . . . . "Ultimate Esthetic Result with VITAVM Porcelains"

SATURDAY . . . . . Bus tour (Black Forest) and Dinner

SUNDAY . . . . . AM bus to Zurich Airport, Return to North America

Discovering the Ultimate Esthetic Result with VITA VITAVM®9 and VITAVM®13

Various Instructors Available

Porcelain layering techniques allow us to come close to simulating nature, but when combined with VITA VM porcelains, they enable us to virtually reproduce natural teeth. This course will educate the experienced ceramist in using VM13 and VM9 porcelains to create the most natural-looking ceramic restorations possible. Each attendee will learn how to modify conventional 2- and 3-powder build-ups using special effect powders. Effect Chromas, Effect Enamels, Effect Liners, Effect Pearls, Effect Opals and Mamelon powders will be included in the tools ceramists will use to precisely match the patient's dentition.

Day 1 **VITAVM®9**
3 layering techniques: basic, build up and advanced

Day 2 **VITAVM®13**
Build up technique, customized to participant's ability,
Molar build up technique

Day 3 **VITAVM®13**
Finishing of bridge, central and molar

PROGRAM AGENDA

MONDAY . . . . . Leave North America for Zurich, Switzerland

TUESDAY . . . . . Arrive Zurich, bus to Bad Sackingen, Germany

THURSDAY . . . . . Welcome dinner hosted by VITA

WEDNESDAY thru VITA VM9 ad VITAVM13 training course
FRIDAY . . . . . "Ultimate Esthetic Result with VITAVM Porcelains"

SATURDAY . . . . . Bus tour (Black Forest)

SUNDAY . . . . . AM bus to Zurich Airport, Return to North America

Aesthetics In The Field Of Full Dentures
Various Instructors Available

The natural appearance of full dentures is gaining more and more significance for your patients. Would you like to achieve enhanced aesthetics in a fast and reliable way? The solution is the set-up in physiological occlusion and articulation according to the example of nature.

During this two-plus day training experience you will learn a uniform concept for fixed restorations using VITA Physiodens® teeth. We will start with an analysis of the model to the aesthetic and physiological set-up. These principles can be used for partial and full dentures. The procedure is easily understood.

PROGRAM AGENDA

FRIDAY . . . . . Leave North America for Zurich, Switzerland

SATURDAY . . . . . Arrive Zurich, bus to Bad Sackingen, Germany

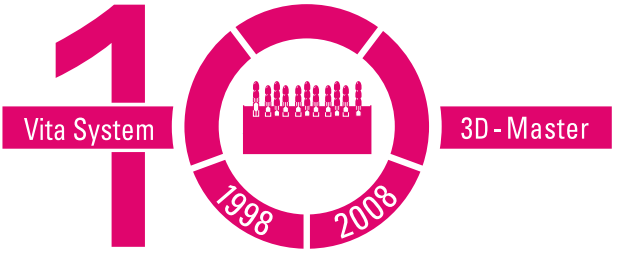
SATURDAY . . . . . Welcome dinner hosted by VITA

SUNDAY . . . . . Bus tour (Black Forest)

MONDAY thru Physiodens training course
WEDNESDAY . . . . . "Aesthetics in the field of Full Dentures"

WEDNESDAY. . . . . Afternoon free for shopping

THURSDAY . . . . . AM bus to Zurich Airport, Return to North America



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ADVOCATE BIOGRAPHIES

VITA®

ADVOCATE BIOGRAPHIES

David R. Avery, AAS, CDT

David R. Avery, CDT, Director of Training and Education at Drake Precision Dental Laboratory in Charlotte, N.C. received his AAS degree in dental laboratory technology from Durham Technical College in Durham, North Carolina in 1976. He became board certified by the National Board for Certification of the National Association of Dental Laboratories in 1980. During his career, he has served as a private technician, full service laboratory owner and since 1984, a member of the Drake management team. He actively teaches undergraduate and post-graduate dental students at the UNC, MUSC and VCU dental schools. He is also a visiting lecturer at the GPR and Oral Medicine programs at Carolina's Medical Center, Wake Forest University, University of Virginia Hospital, University of Florida, and the McGuire Veterans Administration Hospital in Richmond, Va., as well as numerous residency programs within the Armed Forces. He has been published in numerous laboratory and clinical journals and has presented more than 600 scientific programs for local, regional and national professional organizations covering every aspect of Dental Technology and Communication.

Mark Baker, CDT

Mark completed his Dental Technicians Diploma in London, England graduating in 1977 with honors. Mark then moved to southern Germany from 1979-83, where he gained extensive tutoring and hands-on experience in fixed and removable prosthetic restorations within one of Germany's most prestigious laboratories. In 1985 Mark emigrated to Sydney, Australia and opened his own successful aesthetic crown and bridge laboratory. Mark is well versed on the importance of technical clinical communications and their implementation for successful case planning, leading to ultimate patient satisfaction.

James Braun, DDS,MS

Dr. James Braun has been in private practice specializing in Prosthodontics in Saginaw Michigan for over 20 years. He has presented LECTURE on esthetic dentistry with associations such as the Yankee Dental Congress, the Kentucky Dental Association, and the Academy of General Dentistry (both on a national and state level), as well as the International College of Prosthodontics. Dr. Braun has published articles in the Journal of Prosthetic Dentistry and Dentistry Today. He received both his DDS degree and his MS degree in Prosthodontics from the University of Michigan. Dr. Braun is also a consultant to major companies on new dental products and has lectured extensively in the United States and Canada.

Victor E. Castro, CDT

Victor Castro was born in New York City and raised in South America. For the past fifteen years he has been helping dentists and specialists to create functional and cosmetic dental restorations. Evolving from a family of dental technicians has enabled him to develop a technique he calls "art results". Each individual case that he accepts quickly becomes an art inspiration. He has expanded his knowledge of total dental esthetics and gained a complex understanding of patients' individual expectations. Mr. Castro has resided in Houston for the past eight years. During this time, his artistic abilities have advanced him to work with the most prominent dental offices in Houston. He has studied with and has incorporated the ideas of one of the most prestigious Prosthodontist in Houston. His working relationships have given him the ability to specialize in full mouth rehabilitation, implant and cosmetic dentistry.

Fausto Catena, CDT

Mr. Catena received his professional training in Pesaro, Italy, at the school of Dental Technology in 1979, and has been a practicing CDT for over 20 years. In 1991, Fausto worked at the internationally known dental offices of Goldstein, Goldstein & Garber in Atlanta, Georgia. Since 1992, Mr. Catena has studied with Master Ceramist Claude Sieber in Switzerland. In 1996, he opened his own dental laboratory in Sarasota, Florida, called Ceramic Art, pursuing excellence in all phases of esthetic dentistry. He has been published in the United States, Japan, Italy and Germany, and has been teaching ceramics since 1994. Mr. Catena is also an active instructor, teaching hands-on classes across the United States. He is a Sr. Member of Art & Experience by Claude Sieber, MDT.

Yi-Yuan Chang

Chang graduated in 2001 from Louisiana State University School of Dentistry in New Orleans with a BA in Dental Technology and from the UCLA Master Dental Ceramist Program in 2003. He has joined the UCLA Center for Esthetic Dentistry since 2003 and served as a teaching faculty in various porcelain layering hands-on courses for students. He also provides technical support for students with their laboratory work. Currently, Mr. Chang teaches public hands-on porcelain layering course for leading dental companies.

ADVOCATE BIOGRAPHIES

Ken Chizick, RDT, CDT

Ken is an instructor in both undergraduate and post-graduate programs in the Department of Restorative Dentistry at the University of Manitoba School of Dental Medicine. He is a leading resource in Dental Materials and actively participates in a variety of clinical research trials of today's new dental materials. Ken is internationally recognized as one of the most exciting lecturers and innovative artisans in the field of dental ceramics.

Jean Compagna, RDT

Jean Compagna received his degree from the Edouard Montpetit College, Montreal in 1982. He is a member of the dental technicians association of Quebec and has over 20 years experience in dental technology. He specializes in restorations with emphasis on crowns, bridges, implants, and attachments. Jean Compagna owns and operates his laboratory (Prolabo) in Montreal. Jean LECTURE and teaches courses on VITA products throughout North America.

Jack Edwards, BA, MDT

Jack received his Bachelors Degree in Biological Sciences from California State University, Fullerton. He obtained further training from Dental Technology Institute, Orange Coast College and Cypress College. Jack has over 25 years of practical experience in all phases of dental technology and has been a MDT since 1983. He has served as an instructor of dental technology at the college level as well as serving as an in-house technician for several prosthodontic practices in Southern California where he was employed as a ceramist and full mouth reconstructive specialist. As a field technical specialist for a major manufacturer, he lectured and gave hands-on teaching throughout the United States and internationally. He currently owns a dental studio in Anaheim, California specializing in fixed and removable prosthetics and implants.

Dr. Eugen End, DDS

Dr. End has studied occlusion extensively, and beyond learning the complexities of occlusion he has mastered it. He has examined the natural dentition and observed the changes that occur over the lifetime of an individual. The principals of occlusion as presented by Dr. End are relevant to all aspects of Prosthodontics. He is currently lecturing and teaching dentists all over the world his innovative concepts of occlusion and continues to change the lives of the patients these dentists treat. His main interest is focused on the correct three-dimensional adjustment of the centric with stable point-contact support in the main center of occlusal force.

ADVOCATE BIOGRAPHIES

Abel Fernandez, CDT

Abel Fernandez has been a practicing dental technician since 1977. In 1983 he began to concentrate his efforts on creating more esthetic restorations. He has trained with some of the world's finest ceramists including Willi Geller, Asami Tanaka, Mokoto Yamamoto, Klaus Mutherties, Thomas Schmidt, Dr. Robert Winter, Don Cornell, Naoki Aiba and Claude Sieber. From 1994 to 1996 he was an instructor for Willi Geller's Oral Design Organization. In 1996, Mr. Fernandez began working with VITA, and has become a master at using VITA porcelains and modifiers to produce some of the most lifelike restorations in the world. Abel is an acclaimed lecturer and instructor, and travels across the United States teaching his exciting, unique methods for the creation of incredibly realistic restorations.

Ed Flocken, CDT

Ed received his Associates Arts Degree in Dental Technology from Los Angeles City College and his Bachelor's Degree from the University of California, Northridge, and completed post-graduate studies in dental science and advanced dental ceramics, at the International Dental Academy, Tokyo, Japan. Ed has over thirty years of practical dental experience in all phases of dental technology and oral rehabilitation. He has been certified by the National Board for Certification for over 30 years in several areas of expertise and has lectured extensively to universities, institutions, study groups and laboratories throughout the United States, Canada, Central and South America, Asia, and Europe.

Stratius Fotos, BA, CDT

Strat Fotos completed his dental technology education in 1980 at the U.S. Navy School of Dental Technology. In 1986 he obtained his bachelors degree from West Virginia University. He is president and owner of Creations Crown and Bridge Dental Lab, specializing in CAD/CAM technology. Strat also functions as a beta site for materials and technology testing. His practical, technical approach to presentations teaches dentists and dental labs how CAD/CAM technology works and impacts their practices. Some highlights include same-day extreme makeovers, two-hour, same appointment crowns, zirconium high-strength restorations, and the effective use of CAD/CAM dental materials. Strat LECTURE in the United States and around the world to user groups and workshops and acts as a consultant for major dental and dental laboratory companies. He is a member of the West Virginia Dental Laboratory Association, the Huntington Dental Society, and also hosts numerous study groups for area dentists.

ADVOCATE BIOGRAPHIES

Russell Giordano, DMD, DMSc, FADM, Cert. Pros.

Dr. Giordano is an Associate Professor and Director of Biomaterials in the Department of Restorative Dentistry/ Biomaterials at the Boston University Goldman School of Dental Medicine. Dr. Giordano received specialty training in prosthodontics at Harvard School of Dental Medicine and performed research at the Ceramics Processing Research Laboratory at the Massachusetts Institute of Technology leading to a D.M.Sc. degree in 1991 and a Certificate in Prosthodontics. Dr. Giordano is a Fellow of the Academy of Dental Materials and has been actively involved in ceramic materials development and CAD/CAM systems at MIT, Harvard, and Boston University. He currently serves on the editorial board of the Massachusetts Dental Society, JDT, Spectrum, and the Journal of Dentistry.

Mary Govoni, CDA, RDA, RDH, MBA

Mary is an internationally recognized speaker, author and consultant on clinical efficiency, ergonomics, OSHA compliance, infection control and team communication. Mary is a past president and a life member of the American Dental Assistants Association, a member of the American Dental Hygienists Association, a consultant to the American Dental Association Council on Dental Practice, a member of the Organization for Safety and Asepsis Procedures, the National Speakers Association, the Academy of Dental Management Consultants and the Human Factors and Ergonomics Society. She is also a columnist for RDH magazine, and is a featured speaker on the ADA CELL seminar series.

Ky Hale

Ky Hale, graduated from Pasadena City College Dental Technology School with an A.S. Degree in Dental Technology. Ky's various experiences have allowed hin to study with some of the premier technicians in the world including Claude Sieber, M.D.T. and Willi Geller, M.D.T. He has lectured extensively across North America on the latest developments from VITA in both all-ceramic and metal ceramic restorations. Ky currently owns KSH Ceramics, a high quality dental laboratory in Rancho Cucamonga, California specializing in all-ceramic restorations.

ADVOCATE BIOGRAPHIES

Norman J. Hammer, MS, DDS

Dr. Norman J. Hammer is a Clinical Professor in the Department of Prosthodontics and Operative Dentistry, Division of Graduate and Postgraduate Prosthodontics at Tufts University, School of Dental Medicine. Dr. Hammer received his dental degree from New York University in 1980 and then completed a General Practice Residency followed by a two year Prosthodontic Residency at the Veterans Administration Medical Center, Buffalo, NY. He is a member of the American Dental Association and the Massachusetts Dental Society. As well, he is a member of the American College of Prosthodontists and a Fellow of the Greater New York Academy of Prosthodontics. Dr. Hammer has lectured extensively in the United States and abroad and has maintained a clinical practice in downtown Boston since 1983.

Dr. Anthony Hatch

Dr. Anthony Hatch, a graduate of University of Maryland in 1999, opened his own private practice in Columbia, MD, where he focused on esthetic dentistry utilizing CEREC since 2004. He also had the great pleasure of being the Official Dentist of the Ravens Cheerleaders. After relocating to San Diego in the summer of 2007, he joined the practice of international renowned CEREC educator, Dr Rich Masek. This transition not only allowed him to continue to provide quality dentistry, but also provided the opportunity to teach CAD/CAM Dentistry. Dr Hatch strictly focuses his practice on the delivery and advancement of CAD/CAM Dentistry. He is the treasurer of the Academy of CAD/CAM Dentistry (ACCD), a member of American Academy of Cosmetic Dentistry (AACD) and a member of the American Dental Association (ADA).

T.G. Hornischer, CDT

T.G. Hornischer, Jr., CDT is the recipient of the NADL's Excellence in Education Awards for 2006. He is the general manager of Centric Dental Laboratory, a 25 person a full service dental laboratory in Bullard, Texas. T.G. earned his degree in Dental Technology in 1979, and received his National Board Certification in 1981. He has completed numerous implant and prosthetic courses, and has also taught courses in both the U.S. and abroad. T.G. continues to author articles for several leading dental magazines. He is a member of the American Prosthetic Society, and earned his Technologist designation from the NBC in 2006.

ADVOCATE BIOGRAPHIES

Bernie Jaroslow, CDT

Bernie Jaroslow, CDT has over 35 years experience in the dental laboratory industry. He started his career in a family-owned full-service dental lab, received a degree in dental technology, and then went on to work as Director of Education for several dental manufacturers. Bernie is presently the Senior Product Marketing Manager for Vident. His product responsibilities include the management of all of the VITA porcelains.

Vanik Kaufmann-Jinoian, CDT, MDT

Vanik Kaufmann-Jinoian, CDT, MDT, is a celebrated ceramic consultant, who has conducted courses and LECTURE at many international dental symposia. Most recently, he was a headline presenter at the Academy of Computerized Dentistry Meeting. A recognized international authority on porcelains and machinable ceramics, Vanik has become the principle beta investigator for Sirona and VITA Cad-Cam related software and materials. He is always on the lookout for ideas and techniques to meld into the inLab program. Vanik owns a laboratory in Basel, Switzerland with 15 technicians.

Robert Kelly, DDS

Dr. Kelly was recently appointed as Professor, Department of Prosthodontics and Operative Dentistry and Director, Dental Clinical Research Center at the University of Connecticut Health Center. His academic credentials include a B.A. in chemistry (University of California, 1974), a DDS (The Ohio State University, 1979), an M.S. in dental materials science (Marquette, 1985), the d.Med. Sc. in oral biology (Harvard/MIT, 1989) and a Certificate in prosthodontics (Harvard, 1989). He was presented the 2003 Clinician/Researcher Award by the American College of Prosthodontists and the 1999 Carl Schlack Award for excellence in research and post-doctoral education by the Association of Military Surgeons of the U.S. Dr. Kelly LECTURE and consults widely on dental materials and evidence-based issues and leads groups responsible for the development of both national and international standards in dental ceramics.

ADVOCATE BIOGRAPHIES

Kris Kersten, BA, CDT

Mr. Kersten is past Chairman (North America Chapter) of the International Society for Dental Ceramics. He holds degrees in Biology and Chemistry and owns a small custom laboratory in Solvang, CA. He wrote a trouble shooting column in Lab Management Today entitled: "ASK KRIS" and is a contributing author of Perspectives in Dental Ceramics, published by Quintessence Publishing. Kris is considered one of the best educators on the topics of Dental Porcelain and Materials and is in demand for his LECTURE, seminars and in-house training. He consults with manufacturers on porcelain technique and products and has been teaching worldwide for over 20 years.

Thanos T. Kristallis, DDS

Dr. Kristallis is trained in every aspect of restorative, esthetic and implant dentistry. He holds the esteemed distinction of six years of postgraduate studies and five degrees in dentistry. He received his doctorate from the National University of Athens in Greece, a degree in Occlusion, Restorative Dentistry and Temporomandibular Dysfunction Management from Georgetown University School of Dentistry, a degree in Prosthodontics from the University of Texas Dental Branch at Houston, a degree in Maxillofacial Prosthetics from the University of Alabama School of Dentistry in Birmingham, and a degree in Implant Dentistry from New York University School of Dentistry.

Brian Li, RG

Brian Li, RG, graduated from Pasadena City College Dental Technology School with an A.S. Degree in Dental Technology. In 1999, he joined Vident as a Technical Training Representative. His responsibilities included instructing in all phases of laboratory techniques, as well as support of Vident's extensive research and development program. Brian has over eight years experience with all-ceramic restorations, and remains one of the premier In-Ceram technicians in the United States. In 2001, Brian left Vident to work in-house as a ceramist in a high end cosmetic dental practice for one year before returning to Vident. He specializes in CAD/CAM technology where he has trained over 600 CAD/CAM users to date. Brian now owns his own lab in Alhambra, CA, where he specializes in all-ceramic restorations.

ADVOCATE BIOGRAPHIES

Allen Lee, RG

Allen Lee graduated from North Carolina State University with a bachelor's degree in Agricultural Business Management in 2001. He continued his studies at Durham Technical Community College to obtain an associates degree in Dental Technology. Choosing ceramics as a career, he worked for a well-established dental laboratory to gain experience as a dental technician. He received recognition as a Master Ceramist after graduating from the two year program at UCLA Center of Esthetic Dentistry, headed by Dr. Ed McLaren. While attending the program, he learned how to treatment plan, utilize smile design, work one-on-one with both dentists and patients, and how to create beautiful smiles and exquisite teeth. Today, Allen works with Vident as a Technical Course Instructor, teaching porcelain build-up techniques, the inLab software, and providing technical support.

Robert A. Lowe, DDS

Dr. Robert A. Lowe graduated magna cum laude from Loyola University School of Dentistry in 1982 and was a Clinical Professor in Restorative Dentistry until its closure in 1993. Since January of 2000, Dr. Lowe has maintained a private practice in Charlotte, North Carolina. He LECTURE internationally and publishes in well-known dental journals on esthetic and restorative dentistry. Dr. Lowe received fellowships in the AGD, ICD, ADI, ACD, received the 2004 Gordon Christensen Outstanding Lecturers Award, and in 2005, Diplomat status on the American Board of Esthetic Dentistry.

Rich Masek, DDS

Dr. Rich Masek is a 1992 Accredited member of the American Academy of Cosmetic Dentistry and a Fellow of the Academy of General Dentistry. He is the CE Director and Founding Faculty Member of Dentistry by Design, Inc., established in 1993 to provide all levels of training for high tech continuing dental education, CEREC and CAD/CAM technologies to the professional community. Dr. Masek is the President of the Academy of CAD/CAM Dentistry and Vice President of the International Society of Computerized Dentistry. He is certified as a trainer by the International Society for Computerized Dentistry (ISCD) and is a world recognized authority on the CEREC system, presenting seminars locally and internationally for hands-on CAD/CAM and Cosmetic dentistry. He graduated from the University of Southern California Dental School in 1976. He maintains a private fee-for-service practice in San Diego, CA focused on Cosmetic and CEREC dentistry which also houses the Dentistry By Design, Inc. training facility. Dr. Masek has published numerous articles on cosmetic and CAD/CAM dentistry and is the author of the book, "Highly Esthetic CEREC Solutions".

ADVOCATE BIOGRAPHIES

Mike McIntee, CDT

Mike has over 30 years experience as a Crown & Bridge and Dental Ceramics Technician. Mike owned a small Dental Lab in Orange County for many years incorporating all phases of fixed prosthesis. In 2000 Mike left the bench to become a Technical Consultant and Instructor, specializing in Dental Implant and CAD/CAM Dentistry. Mike is currently a technical Instructor for Vident.

Ed McLaren, DDS

Dr. McLaren is a Prosthodontist and ceramist, he has written over 25 articles on his techniques and research related topics. He is currently the director of the UCLA Center for Esthetic Dentistry that provides a full time residency in esthetic dentistry and also mini-residencies for practicing dentists. He is also director of the UCLA School for Esthetic Dental Design, which provides full-time and mini-residency programs for lab technicians.

Martin R. Mendelson, DDS

Dr. Martin R. Mendelson is an alumnus of the Baltimore College of Dental Surgery and is the Director of Professional Development for Vident. He has been involved in all aspects of dentistry for two decades. Dr. Mendelson is the former Director of Education for Americus Dental Labs-Clearwater where he primarily functioned as the clinical liaison between the dentist and the dental laboratory. Dr. Mendelson LECTURE nationally on color science and dentist/technician communications. He has written articles for Contemporary Dental Assisting, Dentistry Today and Inside Dentistry. Dr. Mendelson is an adjunct clinical instructor for Nova Southeastern University, member of the National Speaker's Association and the Crown Council.

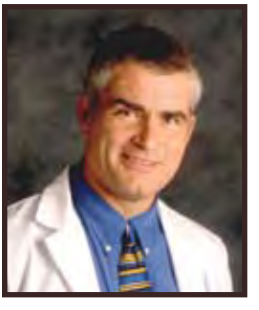
ADVOCATE BIOGRAPHIES

Frank J. Milnar DDS

Frank J. Milnar DDS is a graduate of the University of Minnesota, School of Dentistry. He is an accredited member of the American Academy of Cosmetic Dentistry and a Board Examiner for accreditation. Dr. Milnar maintains a full-time practice in St. Paul, Minnesota emphasizing appearance related dentistry. He is the past Editor for the AACD Academy Connection, has published numerous articles about the direct placement of composites, and is currently a consultant for numerous medical device, bio-medical, and dental manufacturers. Dr. Milnar is co-founder of the Minnesota Academy of Cosmetic Dentistry and LECTURE extensively within the U.S. Armed Forces as well as internationally on the subject of direct composite restorations and shade selection. He has been voted "Top Dentist" for the last several years in the Minneapolis/St. Paul Magazine. Currently, he is a Professional Education Committe Co-Chair for the AACD.

William Mrazek, BS, CDT

William R. Mrazek, B.S., CDT. is the owner of Mrazek Prosthodontics, Ltd., a small high-end laboratory in Naperville, Illinois. He holds a Bachelor of Science degree in Biology from the University of Illinois, and Associate of Science degree in Dental Technology. In addition to his 30 years of experience in the dental technology profession, he is a regular contributor to LMT, and is on the editorial boards of PPAD and Collaborative Techniques. Bill is a recipient of the Award of Excellence from the Foundation for Excellence in Dental Laboratory Technology, and his laboratory has been recognized as one of the top 20 dental laboratories in the United States by United Dental Resources. He also has served as a consultant to a variety of dental manufacturers on product design and evaluation. Bill is a board member of the Illinois Dental Laboratory Association, the Chicago Dental Technicians Study Group, and is an alumnus of the Pankey Institute.



Mark T. Murphy DDS, FAGD

Mark graduated from the University of Detroit School of Dentistry in 1981 and taught there part time for several years. He practices dentistry part time in Rochester Hills Michigan and is an associate faculty member and board of director and trustee at the Pankey Institute in Key Biscayne, Florida. Mark has lectured and been published throughout the United States and Canada on Practice and Business Management, Communication, and Quality issues facing dentistry and the dental lab industry today. Occlusion, TMJ dysfunction and provisionalization are special interests that he has presented. He is an exciting and very entertaining speaker, blending humor and anecdotes with current research and information.

ADVOCATE BIOGRAPHIES

Felix Pages, CDT, MDT

Felix Pages, CDT, MDT graduated from the University of Kentucky in 1976 with an Associate of Arts Degree in Applied Science. He immediately opened his own lab in southern Florida, specializing in cosmetic dentistry. Felix has studied with some of the premiere technicians in the world, including Claude Sieber, Willi Geller, and Mokoto Yamamoto. Over the past 25 years, Felix has acquired an international reputation as a superior instructor and lecturer. He currently owns Felix Pages Dental Studio in Miami, Florida and specializes in high quality all-ceramic and metal-ceramic restorations.

Jung Chun Park

Jung Chun Park (John Park) has worked in dental technology since 1968. From 1992-2003, he operated Jung's Dental Lab in Busan, Korea and managed the VITA Dental Technical Institute from 1992-1994. He has presented at Seoul National University Hospital and at the Asian Academy of Esthetic Dentistry. John currently operates John Dental Science Art Lab in Utah and California.

Kris Piotrowicz, RDT

Kris has over 20 years of practical experience in Dental technology. In 1983 he graduated from Dental Technology Program in the city of Gdansk, Poland, where he grew up. He has worked in dental laboratories in Poland, Greece and Canada, where he received his registration in 1995. Since 2000 he owns and operates Select Dental Laboratory Inc. where he specializes in CAD/CAM fabricated metal free crown and bridge prosthetics.

Mark Pitel, DDS

Dr. Pitel is currently a Clinical Associate Professor of Esthetic Dentistry at the NYU School of Dentistry. He also maintains a private practices on Madison Avenue in New York City and Poughkeepsie, New York. A 3rd generation dentist, he has over 25 years experience owning and operating private general practices with an "emphasis on Cosmetic, Restorative and Implant Dentistry" in New Jersey, Pennsylvania and California and New York. A past president of the New Jersey Academy of General Dentistry, Dr. Pitel is an active member of numerous other dental organizations such as the International Association for Dental Research, the American Dental Association, the Academy of General Dentistry and the American Academy of Cosmetic Dentistry.

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He has earned his fellowship from the American College of Dentists, the Academy of General Dentistry and the International Academy of Dentofacial Esthetics, holds Level II certification from the Academy of Laser Dentistry and has been recognized by Who's Who in Dentistry. For many years, Dr. Pitel has been lecturing nationally and internationally on topics such as adhesive dentistry, anterior and posterior esthetic restorations and cosmetic and laser dentistry. Most recently he has been actively working and teaching in the area of adhesion endodontics. He has authored numerous scientific papers and articles of interest to patients and is the author of a textbook on dental impression taking. A former editor of the NJ AGD Journal, he has received several awards for journalism in dentistry.

Dennis Purinton, CDT

Dennis Purinton, CDT., has been a dental technician for more than 20 years and holds a Mastership with the American Academy of Implant Prosthodontics. He owns his own lab in Eastern Kansas, and has concentrated on implantology and dentures for the past 10 years. He is actively involved in research and development for implant and denture related products and has trained at VITA in Germany.

Alice Sager, CDT

Alice Sager, CDT is a recognized graduate of the Northeast Metro Technical Institute of Dental Technology program in St. Paul, Minnesota. She has 18 years of experience in the dental industry and maintains certification in Complete Dentures. She has trained at VITA in Germany on esthetic and functional set-up techniques and is also certified in the Swissdent Technique. Alice conducts LECTURE and hands-on instructional courses throughout the United States and Canada. Alice and her husband currently own and operate Excel Dental Techniques in Boise, Idaho, which specializes in removable prosthetics.

Hamid R. Shafie, DDS, CAGS

Dr. Shafie received his certificate of Advanced Graduate Studies in Prosthodontics from Boston University Goldman School of Dental Medicine. He is the founder of Center for Oral Implantology at the Johns Hopkins University where he has trained many dentists in different aspects of implant dentistry. Dr. Shafie currently is the President of the American Institute of Esthetic and Implant Dentistry in Washington D.C. He is a faculty member of Department of Oral & Maxillofacial Surgery at Washington Hospital Center where he teaches postgraduate implantology courses. He is an adjunct faculty member at the Boston University center for implantology. In addition, Dr. Shafie is the author of Clinical and Laboratory Manual of Implant Overdentures. He LECTURE worldwide about innovative aspects of implant dentistry and is renowned for his unique way of making implant dentistry fun to learn for both specialists and general dentists.

Claude Sieber, MDT

Claude Sieber began his career in 1970 by completing his studies in Art. He was encouraged to use his artistic talents, and in 1971 entered the dental laboratory field earning a professional certificate, Master Dental Technician, from the Swiss government in 1975. During that time, Claude worked for a high quality dental laboratory in Basel, Switzerland completing his apprenticeship program. Over the next several years, Claude worked for several dental laboratories gaining additional work experience. During 1978 and 1979, Mr. Sieber lived in Rio de Janeiro, Brazil working for a prominent dentist, Professor Olympio Pinto. From 1979 through 1984, he concentrated his efforts on dental ceramics. He attended numerous courses to expand his knowledge of art and photography and the influence that art has on the field of dental ceramics. Since 1984, Mr. Sieber is the owner of a specialized dental laboratory in Basel, Switzerland, working for a group of prominent dentists in Europe. He teaches ceramic courses to dentists and dental technicians where they learn his shade taking and porcelain layering techniques, producing porcelain restoration that truly mimic nature. Mr. Sieber has lectured extensively throughout the world and was featured at The American Academy of Restorative in Chicago in 1991, The American Academy of Esthetic Dentistry in Santa Fe in 1994, and the 20th International Symposium on Ceramics in San Diego, CA in 2002. He has published numerous articles in Quintessence of Dental Technology on Illumination in Anterior Teeth, August 1992; Spinell/Luminary Porcelains: Natural Light Optics for Anterior Crowns, January 1996; In the Light of Nature, January 1993; and Quintessence published his book, Voyage, Visions in Color and Form, 1994. Claude Sieber is working as a consultant to VITA Zahnfabrik, Bad Säckingen, Germany. He was instrumental in the development of VITA's Spinell porcelain, VITA Akzent Stains, VITA Interno Color Effects, and VITA's new generation of VM7, VM9, and VM 13 ceramic systems.

Todd C. Snyder, DDS

Dr. Snyder received his D.D.S. in 1994 from the University of California at Los Angeles, School of Dentistry. He subsequently completed a General Practice Residency at the V.A. Medical Center, La Jolla. Dr. Snyder then returned to the UCLA School of Dentistry as faculty in the Center for Esthetic Dentistry (CED). He co-developed and co-directed the first and only comprehensive two-year postgraduate program in Esthetic and Contemporary Restorative Dentistry. He then continued his work at UCLA as a researcher in the Biomaterials Department. Dr. Snyder is currently a faculty member at F.A.C.E. in San Francisco as well as Esthetic Professionals in Tarzana, CA. Dr. Snyder now spends his time in private practice, lecturing, writing articles and working on research. His research involves all facets of contemporary esthetic and cosmetic dentistry, including dental materials and techniques. He LECTURE both nationally and internationally and has authored articles for various dental journals and continuing education courses. In addition, he is a consultant and product evaluator for numerous dental companies. Dr. Snyder also founded and is CEO of Miles To Smiles a non-profit children's charity that helps indigent and underprivileged children.

ADVOCATE BIOGRAPHIES

Stephen Tsotsos, DDS

Dr. Stephen Tsotsos graduated from University of Toronto, Faculty of Dentistry in 1980. Dr. Tsotsos was certified as an International CEREC Trainer in 2000 and provides both Basic and Advanced Training Programs. He has lectured extensively on CAD/CAM technology and high-tech dental applications internationally. Dr. Tsotsos has published several articles about CEREC technology. Dr. Tsotsosis a Full Member of the Canadian Academy of Restorative Dentists and Prosthodontists and an Executive Member of The Toronto Crown & Bridge Study Club, The Academy of Computerized Dentistry of North America and the International Society of Computerized Dentistry.

Karl K. Wirtz, DDS

Dr. Karl K. Wirtz is a 1977 graduate With Distinction from the University of Missouri-Kansas City. He currently maintains a restorative dental practice with emphasis on removable prosthodontics and implant-supported Prosthodontics in Sun City West, Arizona. During his 30+ years of practice, Dr. Wirtz has revised, developed and improvised new techniques of complete denture therapy. These methods are presented in a one-day format and also a progressive series of hands-on 2 ½ day training sessions. The goal is to "re-engage" the dentist into the "art form" of denture treatment with predictable and profitable results.

Bob Williams

Bob Williams attended the University of Oklahoma and followed his undergraduate studies with a dental laboratory technical school in Dallas, Texas. He has over twelve years experience as a lab technician. He worked for five years as the lead ceramist in a high-quality laboratory and has, for the last four years, owned and operated Synergy Ceramics, a very active high-quality all-ceramic laboratory. His lab specializes in cosmetic restorations from single centrals to full mouth reconstruction. Bob is also a member of Claude Sieber's Art & Experience group.

Jeff Yeider, CDT

Jeff's apprenticeship with his father, who was a dentist, gained him an insight very few Lab Technicians are able to acquire: Dental lab technology from the Dentist's point of view. Jeff has lectured to certified laboratories, clarified pressing techniques and has been called on to troubleshoot for major production labs nationwide. At his laboratory in Truckee, CA Jeff has continually been involved in product testing and development of various products and systems, developing protocols and directions for use. Recently Jeff made the changeover to the inLab System by Cerec. Impressed with the superior design of the system Jeff's passion for lab technology has reached an all time high. Simplifying technology, and providing the highest level of dental care are his driving forces.

Ken Zaker, CDT

Ken has an extensive dental technology background specializing in ceramics, crown and bridge, implants and attachments. For fifteen years he owned and operated a dental laboratory in Anaheim, CA, specializing in highly esthetic crown and bridge, full mouth reconstructions and precision attachments. Ken also has fifteen years experience working for several large prosthodontic practices. This experience has greatly expanded his knowledge of implantology and osseonitegration, allowing him to stay ahead of the trends in today´s demanding dental environment. In 1994, Ken joined Vident as a Technical Instructor. He has an outstanding reputation from his many courses across North America.

Education Policies & Procedures

Customer education classes are offered in our Brea, California training center as well as selected alternative locations.

Course Enrollment
To register for courses please call the Vident Continuing Education Department at **1-800-828-3839 ext 226** or visit **www.vident.com/courses** or e-mail us at **education@vident.com**

Courses are limited to 10 participants, register early.
Business casual is the appropriate dress for all classes.
Please do not make airline reservations which carry restrictions or penalties until you have received a formal confirmation of your enrollment/payment.

Course Registration and Cancellation Policy:
Payment in full for course tuition fees are due at the time of registration. Payment may be made by credit card or check. Customers with open accounts in good standing may charge tuition fees to their accounts.

Course Cancellations:
Vident reserves the right to cancel courses at any time and will provide as much advance notice as is reasonably possible. Vident's obligation in such instances shall be limited to credit of tuition paid for a future Vident course or refund of paid tuition. The registrant may cancel course registrations at anytime per schedule below.

Paid course tuition will be refunded or credited to a future Vident course based on the following schedule:

Days Prior to Course	Refund/Credit
14 or more	100%
7-13	50%
0-6	0%

Recommended Ground Transportation

Transportation from your arriving airport to your hotel can be arranged through:

Orange County Super Shuttle
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Recommended Airports

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www.ocair.com
Closest Airport**

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www.lawa.org

Long Beach Airport (LGB)
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Los Angeles International Airport (LAX)
www.los-angeles-lax.com

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Dr. McLaren is a Prosthodontist, Master Dental ceramist, and director of the UCLA Center for Esthetic Dentistry. In recent years, one of his main emphases has been photography, primarily Macro-Photography, special lighting effects photography, and portrait photography.

DATES AND LOCATIONS

March 7th–8th, 2008
Minneapolis/St. Paul
Contact: Sandra McLaren (310) 860-0883

March 29th, 2008
(Long one-day course 8am-7pm)
Fort Lauderdale, FL • Nova Dental
Contact: Sandra McLaren (310) 860-0883

May 2nd–3rd, 2008
New Orleans, LA • Trinity Dental Lab
Contact: Sandra McLaren (310) 860-0883

May 9th–10th, 2008
Washington DC • Baron Dental Lab
Contact: Sandra McLaren (310) 860-0883
Dates and locations

December 7th–8th, 2007
Los Angeles, CA
UCLA School of Dentistry
Contact: CE Dept. (310) 206-8388
or cde@dent.ucla.edu

March 7th–8th, 2008
Minneapolis/St. Paul
Contact: Sandra McLaren (310) 860-0883

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