



Dental Laboratory Group

COURSE CATALOG



COURSE CATALOG

We have facilities that can support education in the following locations:

N. Smithfield, RI – Precision Craft Dental Laboratory

- Holds up to 50 attendees
- Operatory to support live-patient education

Timonium, MD – Thompson Suburban Dental Laboratory

- Holds up to 30 attendees

Oldsmar, FL – Knight Dental Laboratory

- Holds up to 18 attendees

Carrollton, TX (Dallas) – Care 1st Dental Institute

- Holds up to 25 attendees
- 3 operatories for live patient education

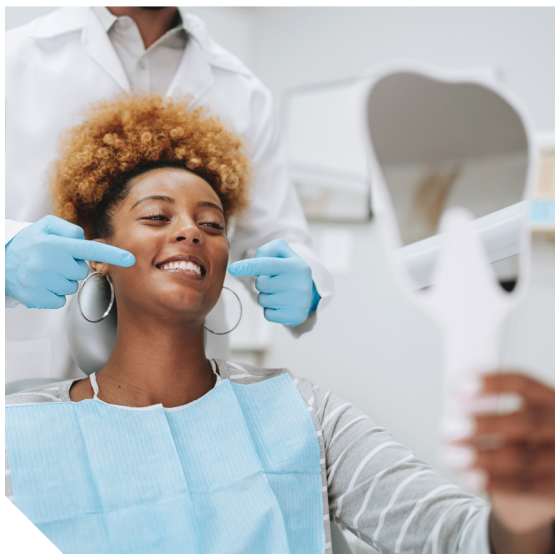
MISSION STATEMENT

At Leixir Dental Laboratory, our mission is to empower dental professionals through cutting-edge education and training. We are dedicated to fostering a culture of continuous learning and innovation, equipping our partners with the knowledge and skills necessary to excel in their practice. Our continuing education program is committed to delivering comprehensive, evidence-based education that enhances clinical proficiency, encourages professional growth, and ultimately improves patient outcomes. As an approved AGD PACE provider, Leixir is recognized for meeting rigorous standards in continuing dental education, further validating the quality, integrity, and credibility of the educational experiences we offer. Together, we strive to advance the field of dentistry and elevate the standards of care.

Education Courses

Additional content can be customized based on your DSO or Retail Practice needs.

GENERAL RESTORATIVE



RIGHT PRODUCT, RIGHT RESTORATION (ONE-HOUR PRESENTATION)

This course will cover a comprehensive process of working with the lab team to create restorations that utilize the best restoration choice for clinical applications and create patient treatment plans. The participants will review the best techniques and materials to use in fixed prosthetics.

Course Objectives

- Create Restorative Treatment Plans
- Set & Manage Patient Expectations
- Select the best restorative material for a positive result
- Understand Preparation and Cementation Guidelines



RESTORATIVE PRODUCT OVERVIEW (ONE-HOUR PRESENTATION)

This course will provide an overview of products and comparisons between the different materials available through Leixir Dental Laboratory Group. The presentation will enhance understanding of each material and the appropriate application to create a high-level working relationship between the dental lab and clinicians.

Course Objectives:

- Develop clear understanding of the available restorative materials
- Review indications and contraindications of materials
- Understand preparations and cementation guidelines for restorative materials
- Provide tips and guidance from the technicians

IMPLANT EDUCATION

Implant Education Series (this can be done as a one-hour webinar or evening program).
These courses can be done in a series, or individually.

SESSION 1: INTRODUCTION TO IMPLANTOLOGY

The first session of this three-part series will provide a higher understanding of implant restoration fundamentals and is suited for staff and all levels of clinical experience. Aspects of treatment planning and available restorative materials and guidelines will be presented.

Course Objectives

- Understand the Fundamentals of Implantology
- Develop Implant Treatment Plans
- Compare Implant Restorative Options

SESSION 2: IMPLANT DENTISTRY: PRINCIPLES, PLANNING, AND PRACTICAL SKILLS FOR SUCCESSFUL RESTORATIONS

This course provides a foundational understanding of implant dentistry, covering key principles, treatment planning, and practical skills necessary for successful implant procedures. It will cover the various options for both fixed and removable restorations and what factors should be considered when making these decisions. Choosing the right restoration and restorative materials and structures for each patient is paramount to the success of implant cases. This course will provide attendees with the tools and knowledge to be able to make these critical decisions which will affect the success and longevity of implant cases.

Course Objectives

- Explore various restorative options available in implant dentistry.
- Understand the principles of implant-supported crowns and bridges.
- Discuss patient assessment and case selection criteria.
- Discuss esthetic and functional considerations in restorative implant dentistry.
- Explore different bar options in implant-supported overdentures.
- Know the indications and contraindications for bar-retained restorations.
- Understand the advantages and limitations of removable restorations.
- Comprehend effective treatment planning strategies for implant cases.

SESSION 3: FULL ARCH RESTORATIVE OPTIONS: A LABORATORY'S GUIDE TO SUCCESS

This course is designed to empower dentists with the knowledge and skills necessary to navigate the multitude of options in full arch restorative dentistry. Participants will delve into the intricacies of patient selection, treatment planning, and assessing patient suitability for full arch restorative procedures. Explore the latest advancements in prosthodontics, implantology, and digital dentistry shaping the landscape of full-arch restorative options.

Course Objectives

- Overview of full-arch restorative dentistry
- Patient selection and treatment planning
- Guided versus freehand techniques
- Immediate load workflow
- Final restoration options

IMPLANT EDUCATION – FULL ARCH

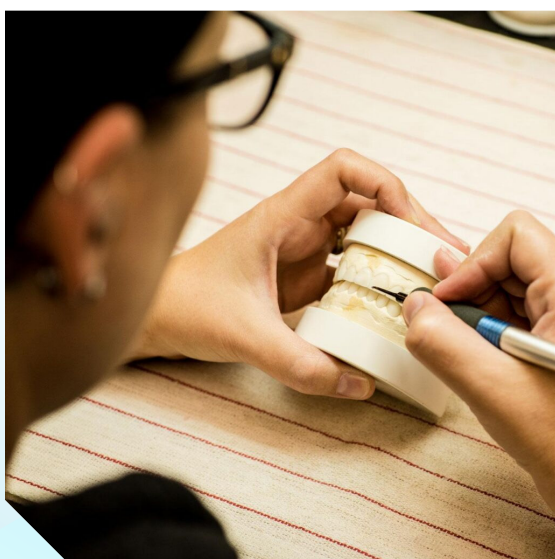


SIMPLIFIED FULL-ARCH TREATMENT CONCEPTS (WEBINAR OR TWO-DAY COURSE)

Two-day course summary: This is a comprehensive two-day course on full arch implant treatment. We will highlight the new conversion method that reduces chair time by 25% and provides a better quality restoration for the patient. Learn about the latest advancements in both surgical and restorative therapy. There will be a hands-on conversion component followed by a live surgery on Saturday. We will finish off the course with a presentation on how to improve case acceptance.

Webinar summary: Join board-certified Prosthodontist Dr. Brandon Kofford for an introduction on how to evolve from traditional conversion techniques and successfully use the Smart Denture Conversion system to significantly reduce conversion time and produce a stronger, more attractive provisional prosthetic with ideal occlusion. Learn how these benefits yield a better experience for the patient and improve the efficiency and predictability of the practitioner's workflow.

IOS Training and Support: We partner with multiple companies and platforms and could offer IOS education on the following: iTero, 3Shape/Trios, Medit, Dexis, PrimeScan/Sirona. Other platforms could be included on a case by case basis.



MASTERING DIGITAL WORKFLOWS AND NAVIGATING IOS MARKET DYNAMICS (ONE HOUR WEBINAR/2-3 HOURS LECTURE WITH HANDS-ON)

Unlock the potential of digital dentistry with our course on Mastering Digital Workflows and Navigating IOS Market Dynamics. Tailored to boost IOS adoption and usage, this comprehensive program is designed to elevate scan quality by guiding participants through the intricacies of digital workflows— from the dental office to the laboratory. Real-life scan examples will be provided and assessed from a laboratory perspective. Immerse yourself in a transformative program that integrates technical skills with invaluable market insights.

Course Objectives

- IOS Market Growth Analysis
- Benefits of going digital
- Understanding digital workflow from office to lab
- Tips and Tricks on ensuring scan quality for restorative procedures
- Scan quality evaluation (Scan Grading) with examples of Re-scan, manageable scan, good scan, and perfect scan for restorative scans (iTero Only)

IMPLANT EDUCATION – FULL ARCH

ELEVATING DIGITAL IMPRESSIONS: A DENTAL LABORATORY'S GUIDE TO SUPERIOR INTRAORAL SCANS: (ONE HOUR WEBINAR/2-3 HOURS LECTURE WITH HANDS-ON)*

This course is designed to empower dentists with the knowledge and skills needed to master intraoral scanning in their office. Join us as we focus on enhancing the quality of intraoral scans and streamlining doctor/laboratory communication which results in the best final restoration. This course focuses on the common pitfalls in scanning and what information is important to your laboratory to optimize patient outcomes and streamline the workflow between dental practitioners and laboratories.

Course Objectives

- Explore techniques for achieving high-quality digital impressions, minimizing errors, and reducing the need for rescans.
- Address common challenges such as managing reflective surfaces, handling moisture, and ensuring patient comfort during scanning.
- Learn how to apply intraoral scanning in various clinical scenarios, including single-tooth restorations, bridges, and implant cases.
- Analyze real-world scans to understand the impact of scan quality on the fabrication of dental prosthetics.
- Develop skills in identifying and resolving common issues related to intraoral scanning.
- Implement quality assurance protocols to ensure accuracy and consistency in digital impressions.
- Explore effective communication strategies for transmitting digital impressions to dental laboratories.
- Learn strategies for educating patients on the benefits of intraoral scanning and managing expectations.
- Enhance patient engagement to facilitate a positive experience during the scanning process.

*Each course would be separate, focusing on the following topics

- Mastering a full arch scan with patient education tools
- Mastering crown & bridge scans with iTero
- Mastering single-unit implant scans with iTero
- Mastering partially edentulous tissue scans with iTero
- Mastering fully edentulous tissue scans with iTero



IMPLANT EDUCATION – FULL ARCH



INTRAORAL SCANNING ESSENTIALS: TIPS AND TRICKS FOR SUCCESS

Join us for a fun and engaging learning experience focused on the iTero intraoral scanning system. This course will equip you and your dental team with essential skills and strategies to enhance the patient experience through effective scanning techniques and seamless lab communication. Participants will explore best practices for proper intraoral scanning, and troubleshooting common challenges. The course will also cover tips and tricks for optimizing the use of iTero in your office, ensuring that your team can efficiently capture high-quality digital impressions.

Learning Objectives

- Comprehend advanced restorative scanning techniques to ensure proper lab communication for great esthetic outcomes
- Apply seamless patient education and scanning workflow for practice efficiency.
- Recognize opportunities for improved scanned images in restorative case submissions.

IOS EDUCATION

SCANNING AND SENDING SINGLE UNIT CROWNS WITH PRECISION

Course Description: This one-hour virtual course is tailored for dentists eager to master intraoral scanning, focusing on sending single-unit crowns directly to your laboratory. Join us as we explore essential scanning techniques that enhance the quality of your digital impressions, facilitating clear and effective communication with your lab. We'll address common scanning pitfalls and emphasize the vital information your laboratory requires to ensure optimal patient outcomes. By streamlining the workflow between dental practitioners and laboratories, this course will equip you with the expertise needed to achieve outstanding final restorations.

Course Objectives

- Gain a comprehensive understanding of the principles and technology behind intraoral scanning.
- Learn essential techniques to improve the quality of digital impressions for single-unit crowns, including optimal positioning and scanning strategies.
- Recognize and troubleshoot common challenges encountered during the scanning process.
- Implement best practices for integrating intraoral scanning into your practice.

Hands-On Scanner Training

At Leixir, we are committed to delivering not only exceptional dental restorations but also the hands-on training and personalized support our partners need to succeed with intraoral scanning. Our IOS training sessions are fully customizable based on the scanner platform and tailored to meet the specific workflows of individual practices and DSOs.

Whether your team is just getting started or looking to optimize their digital workflow, our expert-led, in-depth training is designed to fit your needs. Join us at one of our state-of-the-art training facilities in Tampa, Maryland, Dallas or Rhode Island for group sessions, or let us bring the training to you with on-site, practice-specific instruction. Our goal is to empower your team with the tools and knowledge to confidently integrate digital technology into your daily workflow.

MASTERING INTRAORAL SCANNING FOR IMPLANT RESTORATIONS

This one-hour virtual course is tailored for dentists eager to master intraoral scanning with a focus on the implant scanning workflow. It will highlight both the tools available for a comprehensive implant scan. Join us as we explore essential scanning techniques that enhance the quality of your digital impressions, facilitating clear and effective communication with your lab. We'll address common scanning pitfalls and emphasize the vital information your laboratory requires to ensure optimal patient outcomes. By streamlining the workflow between dental practitioners and laboratories, this course will equip you with the expertise needed to achieve outstanding final implant restorations.

Course Objectives

- Identify and utilize the various tools available for intraoral scanning to enhance the quality and accuracy of digital impressions.
- Identify the critical information that dental laboratories require for successful implant restorations.
- Implement best practices for integrating intraoral scanning into your practice.

DIGITAL DENTURES

We have a resource page that encompasses different materials on digital dentures.
This includes IOS workflow guides, RX and Try-In Checklists



MASTERING EDENTULOUS SCANS FOR DIGITAL DENTURES (WEBINAR OR EVENING PROGRAM)

This course is designed for dentists who wish to enhance their skills in creating precise, high-quality digital impressions for edentulous patients. Attendees will learn the step-by-step process for scanning edentulous arches, capturing accurate and detailed digital records, and integrating these scans into the digital denture workflow. The course will also focus on effective communication with dental laboratories, ensuring a seamless collaboration to produce optimal outcomes for patients requiring dentures.

Digital dentures offer several key benefits, including faster turnaround times, improved fit, enhanced aesthetics, greater durability, and fewer patient appointments. By mastering the proper scanning techniques and workflow, these advantages can be further maximized.

Course Objectives

- Understand how digital impressions fit into the broader workflow of creating full dentures.
- Master the correct scanning techniques for edentulous arches.
- Identify and resolve issues that may arise when scanning edentulous patients, such as poor scan quality, occlusion interference, or difficult anatomy.
- Understand how digital scanning leads to more precise dentures with better fit, function, and aesthetics, while also reducing turnaround times and improving patient satisfaction.



TRANSFORM YOUR BUSINESS WITH LUCITONE DIGITAL PRINT DENTURES (WEBINAR OR EVENING PROGRAM)

Traditionally fabricating acrylic dentures requires skilled technicians to perform many steps by hand, making it a time-consuming, labor-intensive and often inaccurate process. “Digital Dentures” have been available for years in both milled and printed options, but most lack strength and esthetics. LDP combines the trusted durability of Lucitone 199 with 3D printing technology to produce an incredibly strong, accurate, and esthetic digital denture. Please join us for an in-depth look at the technology, materials, and workflow that are transforming how Leixir is producing dentures and the many associated benefits Lucitone Digital Print dentures provide for your practice and your patients.

Course Objectives

- Lucitone Digital Print (LDP) denture clinical workflow overview
- Learn about the material characteristics
- Learn about Carbon and its game-changing technology Learn the differences between LDP and milled/1st generation printed dentures
- Learn the benefits of the LDP denture for patients

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NEXT LEVEL DENTURES IN 3 APPOINTMENTS (ONE HOUR WEBINAR)

This course is a must for all dental team members who are looking for a better understanding of the how's and why's of the digital denture workflow. Methods of creating and fabricating removable prosthetics have seen relatively minor changes in the past... That is, until now. The development and adaptation of computer designed and machine manufactured prosthetics are here -and changing the way we are accomplishing the clinical and laboratory steps for complete dentures! Now, with the advent of even better CAD-CAM technologies for complete dentures, Dentists and laboratories can provide patients with more predictable results, that can be done in fewer, simpler, yet more accurate steps.

This program will review denture fabrication methods and show what techniques have changed (and what has not). The latest in 3D printing processes and materials will be highlighted, showing their strength, accuracy, and esthetics. Systematic clinical guidelines for the 3 appointment denture will be presented that make the chairside steps and results more predictable and easier to accomplish. This program is ideal for Dentists and staff that have been frustrated with denture steps, materials, and procedures.

Course Objectives

- Clinical records - what is needed for success, and how to obtain them
- Denture impressions - where we are today
- A simple systematic approach to a 3 appointment digital denture
- Denture fabrication methods and how current CAD-CAM technologies have improved them
- The latest 3D printed denture materials that are stronger than anything ever used
- Removable clinical tips & tricks for a less stressful experience and result



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STREAMLINE DENTURES WITH DIGITAL WORKFLOWS (ONE HOUR WEBINAR OR EVENING PROGRAM)

This course provides an in-depth look at the benefits and workflows of digital dentures and how they can be successfully integrated into your practice. Attendees will explore key advantages such as reduced chair time, faster turnaround time, gain insight into four streamlined workflows, and see a step-by-step overview of the lab process from scan to delivery. This course is designed to help clinicians improve efficiency and patient satisfaction with digital denture technology.

Learning Objectives

At the conclusion of this course, participants will be able to:

- Highlight the clinical and efficiency advantages of digital dentures
- Understand the materials and technology used in the digital denture process.
- Understand the four digital denture workflows
- Visualize the scanning and lab process, including:
 - Doctor scan protocols
 - Digital case submission and design process
 - Smile design preview and approval
 - 3D denture printing and manufacturing
 - Delivery

LEIXIR

Dental Laboratory Group

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DENTAL

 NXT LVL

 PRECISION
CRAFT

 YORK

 SHOWCASE

 THOMPSON
SUBURBAN

 EASYDENT