Catalis
Dental Lab Partners

Catalis Education

Course Insights Overview

Records & Impressions	Partials & Provisionals	Dentures	Guides & Stents	Single Units & Bridges	Advanced Restorations	Implants

PACE
ACADEMY of GENERAL DENTISTRY
PROGRAM APPROVAL FOR CONTINUING EDUCATION

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10/1/2024 – 9/30/2026
Provider ID# 373524

Records & Impressions

Course Insights Overview

Picture Perfect: Photography in Dentistry

Imaging and how photos improve case communication & design accuracy.

Overview
Focuses on the role of clinical photography in diagnosis, treatment planning, laboratory communication, and patient education.

Top 3 Takeaways
1. Identify essential photographic views for restorative and prosthetic case documentation.
2. Compare camera and lighting options suitable for dental photography.
3. Apply standardized positioning and framing techniques for consistent results.

Best For
Doctors • Assistants • Treatment Planning Teams
Practices Improving Case Documentation

AGD PACE Subject Code
149 – Multidisciplinary Topics

Old School vs. New School: The Impression Showdown

Analog vs. Digital Impressions - when to use each and common pitfalls.

Overview
Compares conventional and digital impression techniques, highlighting clinical indications, workflow differences, and accuracy considerations.

Top 3 Takeaways
1. Differentiate between analog and digital impression workflows.
2. Identify appropriate clinical indications for each impression method.
3. Evaluate limitations of impression materials and intraoral scanners.

Best For
Doctors • Assistants • Digital Workflow Teams • Practices Comparing Analog and Digital Impressions

AGD PACE Subject Code
250 – Operative (Restorative) Dentistry

Decode the Data: File Formats Explained

PLY vs. STL, multilayered records, and combining IOS, CBCT, and facial scans.

Overview
Explains common digital file formats and how multiple data sets are merged for comprehensive treatment planning.

Top 3 Takeaways
1. Describe differences between STL and PLY file formats and their clinical implications.
2. Explain how color and texture data influence restorative design.
3. Identify the roles of IOS, CBCT, and facial scanning in digital workflows.

Best For
Doctors • Digital Dentistry Users • Treatment Planning Teams
Practices Submitting Digital Records

AGD PACE Subject Code
010 – Basic Science / Emerging Technology

Why It Matters

Strong records and accurate impressions are the foundation of predictable outcomes. These courses help teams improve data capture, digital workflow consistency, and lab communication.

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Partials & Provisionals

Course Insights Overview

Short-Term, Big Impact: Provisional Restorations

A guide to transitional solutions for missing teeth.

Overview
Reviews the clinical purpose and design principles of provisional restorations, including interim partials and transitional prostheses.

Top 3 Takeaways
1. Describe the functions of provisional restorations in comprehensive treatment planning.
2. Identify indications for different types of transitional prostheses.
3. Compare material options for provisional partials and their clinical applications.

Best For
Doctors • Assistants • Transitional Prosthetic Teams • Multi-Stage Treatment Planning

AGD PACE Subject Code
670 – Removable Prosthodontics

Partial Solutions: Matching Materials to Patients

Material choices for removable partial dentures and patient-specific planning.

Overview
Explores material options for removable partial dentures and how material selection impacts esthetics, durability, maintenance, and patient satisfaction.

Top 3 Takeaways
1. Compare common materials used in removable partial dentures and their properties.
2. Identify clinical indications for provisional versus definitive partial prostheses.
3. Evaluate how esthetic demands influence material selection.

Best For
Doctors • Clinical Teams • Treatment Coordinators • Practices Presenting Removable Options

AGD PACE Subject Code
670 – Removable Prosthodontics

Flex Forward: Printing the Future

Additive manufacturing for partials and provisionals.

Overview
Introduces additive manufacturing technologies used in the fabrication of provisional and definitive removable prostheses.

Top 3 Takeaways
1. Describe basic principles of additive manufacturing in dentistry.
2. Identify printable materials used for removable prostheses and their indications.
3. Explain how design and post-processing affect prosthetic performance.

Best For
Doctors • Clinical Teams • Digital Dentistry Adopters • Practices Exploring Printed Prosthetics

AGD PACE Subject Code
010 – Basic Science / Emerging Technology

Why It Matters

Provisionals and partials directly impact comfort, esthetics, function, and patient confidence. These courses help teams make better material decisions and improve transitional outcomes.

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Dentures
Course Insights Overview

Next-Gen Removables: Digitally Designed Dentures and Implant-Retained Solutions

Overview
Reviews contemporary digital workflows for removable prosthodontics, including fully digital dentures and implant-retained removable prostheses.

Top 3 Takeaways
1. Describe digital workflows for denture and implant-retained removable fabrication.
2. Compare methods of digital record acquisition, including IOS, CBCT, and fiducial markers.
3. Explain how multiple data sets are merged for prosthetic and implant planning.

Best For
Doctors • Assistants • Denture-Focused Teams
Practices Adopting Digital Denture Workflows

AGD PACE Subject Code
670 – Removable Prosthodontics

Acrylic's Place in a Digital World

Overview
Examines the continued role of conventional acrylic dentures within modern digital workflows.

Top 3 Takeaways
1. Describe material properties of conventional denture acrylics.
2. Compare traditional acrylic dentures with digitally fabricated alternatives.
3. Identify clinical situations where acrylic remains the preferred option.

Best For
Doctors • Removable Teams • Treatment Coordinators
Practices Comparing Denture Materials

AGD PACE Subject Code
670 – Removable Prosthodontics

Snap, Clip, or Bar? The World of Implant Removable Dentures

Overview
Explores attachment options for implant-retained removable dentures, including o-ring, locator-type, and bar-supported designs.

Top 3 Takeaways
1. Compare attachment systems used for implant-retained removable dentures.
2. Describe biomechanical considerations for overdenture design.
3. Identify patient-specific factors influencing attachment selection.

Best For
Doctors • Implant-Removable Providers • Clinical Teams
Practices Planning Overdenture Cases

AGD PACE Subject Code
670 – Removable Prosthodontics

If It Fits, Copy It: The Logic of Copy-Milled Dentures

Overview
Reviews clinical protocols for digitizing and duplicating existing dentures using copy-milling and scanning techniques.

Top 3 Takeaways
1. Identify indications for denture duplication using copy workflows.
2. Describe methods for digitizing existing prostheses.
3. Explain how copy-milling supports efficiency and patient comfort.

Best For
Doctors • Removable Teams • Denture-Focused Practices
Practices Exploring Copy Workflows

AGD PACE Subject Code
670 – Removable Prosthodontics

Why It Matters

Successful denture outcomes depend on accurate records, appropriate materials, and the right workflow. These courses help teams improve efficiency, comfort, and long-term prosthetic success.

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Guides & Stents

Course Insights Overview

Locking In the Bite: Occlusal Guide Workflows

How a few extra steps will minimize chairside adjustments.

Overview

Reviews occlusal guide and stent workflows used to preserve and transfer accurate bite relationships during restorative and implant procedures.

Top 3 Takeaways

1. Describe the purpose of occlusal guides in restorative and implant workflows.
2. Identify clinical situations where occlusal guides improve predictability.
3. Explain how bite records are captured and transferred digitally.

Best For

Doctors • Assistants • Restorative Teams • Implant Teams

AGD PACE Subject Code

250 – Operative (Restorative) Dentistry

Cut to the Chase: Surgical Guides Simplified

Simple single-unit workflows and planning basics.

Overview

Introduces basic principles of guided implant surgery for single-tooth replacement.

Top 3 Takeaways

1. Describe components of digital implant planning software.
2. Identify indications for guided surgery in single-unit implant cases.
3. Explain guide fabrication methods and clinical fit verification.

Best For

Doctors • Implant Providers • Surgical Teams
Practices Starting Guided Implant Workflows

AGD PACE Subject Code

690 – Implantology

Stacked & Loaded: Advanced Surgical Guide Workflows

Stackable and staged guides for full-arch and complex implant cases.

Overview

Explores advanced guided surgery protocols for full-arch and complex implant rehabilitation using stackable and staged surgical guides.

Top 3 Takeaways

1. Describe indications for stackable and staged surgical guide systems.
2. Explain sequential guide workflows for full-arch implant cases.
3. Apply prosthetic-driven planning principles to complex surgery.

Best For

Advanced Implant Providers • Full-Arch Teams
Surgical-Restorative Teams • Complex Case Planning

AGD PACE Subject Code

690 – Implantology

Why It Matters

Guided workflows improve planning accuracy, preserve bite relationships, and reduce chairside adjustments. These courses help teams coordinate surgical, restorative, and lab processes more predictably.

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Single Units & Bridges

Course Insights Overview

Scan Smarter, Not Harder

Capturing accurate margins, occlusion, and bite records for predictable results.

Overview
Focuses on clinical techniques for capturing accurate intraoral scans for single-unit and fixed bridge restorations.

Top 3 Takeaways
1. Identify key factors that influence scan accuracy for fixed restorations.
2. Apply scanning strategies to improve margin visibility and tissue capture.
3. Capture accurate occlusal and bite records using intraoral scanners.

Best For
Doctors • Assistants • Fixed Restorative Teams
Digital Workflow Adoption

AGD PACE Subject Code
250 – Operative (Restorative) Dentistry

Improving Precision Through Better Communication

Sharing the right details is the key to consistent results and seamless collaboration with your lab.

Overview
Highlights the importance of effective clinical-laboratory communication in achieving predictable restorative outcomes.

Top 3 Takeaways
1. Identify essential clinical information required for restorative case design.
2. Improve written and digital prescriptions for laboratory communication.
3. Use photographs and scans to clarify esthetic and functional goals.

Best For
Doctors • Assistants • Restorative Teams
Practices Strengthening Lab Communication

AGD PACE Subject Code
149 – Multidisciplinary Topics

Color & Communication

Practical steps for consistent shade matching.

Overview
Reviews principles of color science and clinical techniques for effective shade selection and communication with the dental laboratory.

Top 3 Takeaways
1. Describe basic principles of dental color and shade perception.
2. Identify environmental factors that affect shade selection accuracy.
3. Utilize photography and digital tools for shade communication.

Best For
Doctors • Assistants • Esthetic-Focused Practices
Shade Communication Training

AGD PACE Subject Code
250 – Operative (Restorative) Dentistry

Why It Matters

Predictable fixed restorations start with accurate scans, clear communication, and consistent shade protocols. These courses help reduce remakes, improve fit, and strengthen lab collaboration.

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Implants
Course Insights Overview

Bridging the Gap: Single Implants Workflow Made Simple

Overview
Reviews streamlined clinical and digital workflows for single-unit implant restorations.

Top 3 Takeaways
1. Describe the restorative-driven workflow for single-tooth implant cases.
2. Identify essential records required for predictable implant restoration.
3. Explain coordination between surgical placement and restorative design.

Best For
Doctors • Implant Restorative Teams • Assistants
Single-Tooth Implant Workflows

AGD PACE Subject Code
690 – Implantology

Abutment Showdown: Stock vs. Custom

Overview
Compares stock and custom abutment options for implant restorations with focus on clinical performance, tissue response, and restorative outcomes.

Top 3 Takeaways
1. Compare design features of stock and custom implant abutments.
2. Explain how abutment selection influences soft tissue health.
3. Identify esthetic considerations related to emergence profile design.

Best For
Doctors • Implant Restorative Providers • Clinical Teams
Abutment Selection Training

AGD PACE Subject Code
690 – Implantology

No Surprises: Esthetics and Digital Planning with Your Lab

Overview
Focuses on digital collaboration between clinicians and laboratories to improve esthetic and functional outcomes in implant restorations.

Top 3 Takeaways
1. Describe how digital records improve implant treatment planning.
2. Integrate photography and scans for esthetic evaluation.
3. Improve collaboration with laboratories using digital planning tools.

Best For
Doctors • Implant Teams • Esthetic-Focused Practices
Digital Treatment Planning

AGD PACE Subject Code
149 – Multidisciplinary Topics

The Provisional Puzzle: Healing Options Simplified

Overview
Reviews provisionalization options used during implant healing, including removable, fixed, and implant-supported temporization strategies.

Top 3 Takeaways
1. Identify provisional options available during implant healing phases.
2. Describe how provisionals influence soft tissue contour and emergence.
3. Select provisional strategies based on implant stability and site conditions.

Best For
Doctors • Implant Providers • Assistants
Teams Managing Implant Provisionals

AGD PACE Subject Code
690 – Implantology

Why It Matters

Implant success depends on planning, communication, provisionalization, and restorative decision-making. These courses help teams coordinate clinical and lab workflows for more predictable outcomes.

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Advanced Restorations

Course Insights Overview

Face Value: The Power of Digital Data Planning

Complete AOX digital workflow: IOS, CBCT, facial scans, and photogrammetry.

Overview
Reviews comprehensive digital data acquisition and integration for full-arch implant rehabilitation.

Top 3 Takeaways
1. Identify digital data types used in full-arch implant planning.
2. Explain how multiple data sets are merged for prosthetic design.
3. Describe the role of photogrammetry in implant position capture.

Best For
Advanced Restorative Providers • Full-Arch Teams • Implant Teams • Digital Planning Workflows

AGD PACE Subject Code
010 – Basic Science / Emerging Technology

Material Matchmaker: Finding the Perfect Material Fit

Material choices for long-term success.

Overview
Reviews restorative material options for full-arch implant prostheses, including zirconia, hybrid ceramics, and acrylic-based systems.

Top 3 Takeaways
1. Compare materials used in full-arch implant restorations.
2. Identify clinical indications for different prosthetic materials.
3. Evaluate esthetic and functional performance of material options.

Best For
Doctors • Advanced Restorative Teams • Full-Arch Providers Material Selection Training

AGD PACE Subject Code
690 – Implantology

The FP Faceoff: FP1 vs. FP2 vs. FP3

What are the differences and who's a candidate?

Overview
Reviews the classification of full-arch implant prostheses, including FP1, FP2, and FP3 designs.

Top 3 Takeaways
1. Differentiate between FP1, FP2, and FP3 prosthetic designs.
2. Identify anatomical and esthetic factors influencing prosthesis selection.
3. Recognize limitations of each prosthetic classification.

Best For
Doctors • Full-Arch Providers • Treatment Planning Teams Patient Consultation Training

AGD PACE Subject Code
690 – Implantology

Restorative Real Estate: Making Space Where It Counts

Implant positioning, restorative space, and bone reduction.

Overview
Focuses on creating adequate restorative space for full-arch implant prostheses through proper implant positioning and surgical bone reduction.

Top 3 Takeaways
1. Describe restorative space requirements for full-arch prostheses.
2. Explain the role of bone reduction in FP2 and FP3 cases.
3. Apply prosthetic-driven principles to implant positioning.

Best For
Full-Arch Providers • Surgical-Restorative Teams • Implant Planners • Complex Implant Rehabilitation

AGD PACE Subject Code
690 – Implantology

Why It Matters

Complex restorative cases require precise digital data, material selection, surgical-restorative coordination, and adequate restorative space. These courses support better planning, efficiency, and long-term success.

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