CONTINUING DENTAL EDUCATION

Current Concepts in Advanced Aesthetic Dentistry

Certificate Series

FORMAT In-Person · 4 Sessions	**SCHEDULE** 4 Days per Program · 16 Days Total + Day 17 (Half-Day): Final Case Presentations
CREDITS Advanced CDE Certificate	**AUDIENCE** Restorative Clinicians

About this series

Is a four-program, sixteen-day intensive curriculum designed for restorative clinicians who aspire to operate at the highest standard. The curriculum spans the full clinical arc: advanced diagnosis and digital smile architecture; direct composite artistry and minimally invasive indirect restorations; porcelain laminate veneers and the fully prosthetic workflow; and full-mouth reconstruction with interdisciplinary complexity.

Who should attend

- Restorative dentists seeking to elevate case complexity and clinical technique
- Prosthodontists integrating advanced smile design and full-mouth planning into their practice
- Aesthetic-focused general dentists ready to advance beyond foundational concepts into highly advanced aesthetic dentistry knowledge and methods
- International clinicians seeking an Advanced NY | Dentistry Continuing Dental Education certificate of attendance in aesthetic training

Program progression at a glance

PROGRAM	TITLE & CORE FOCUS	CE CERTIFICATE
1	**Advanced Aesthetic Diagnosis, Digital Planning & Smile Architecture** Aesthetic evaluation, facial analysis, digital smile design, wax-up, interdisciplinary sequencing, and emotional dentistry	✓ Yes
2	**Advanced Direct & Minimally Invasive Aesthetic Restoration** Composite mastery, injectable and layered technique, tabletops, vonlays, inlays/onlays, isolation strategy	✓ Yes
3	**Advanced Porcelain Laminate Veneer Prosthetic Workflow** Porcelain laminate veneers, preparation, temporization, and cementation prosthetic workflow	✓ Yes
4	**Full-Mouth Aesthetic Reconstruction, Interdisciplinary Treatment Planning & Practice Mastery** Full-mouth planning, perio-ortho-implant integration, complex case management, business and leadership	✓ Yes

Stage 1 of 4

Advanced Aesthetic Diagnosis, Planning & Smile Architecture

Facial Analysis · Occlusal Diagnosis · Smile Design · Analog & Digital Wax-Up · Interdisciplinary Sequencing

24 CE Hours · 4 Full Days · May 10 – May 13, 2027 / March 20 – March 23, 2028

Advanced learning objectives

- Apply advanced aesthetic evaluation criteria — facial, dentofacial, dentolabial, dental, and gingival — to complex cases in intact and compromised dentitions
- Interpret facial and phonetic analysis for full-mouth aesthetic planning, including foundational occlusion principles
- Execute digital smile design workflows from initial photography through analog or print-ready wax-up
- Sequence interdisciplinary treatment plans that coordinate periodontal, orthodontic, and restorative phases in aesthetic cases
- Communicate treatment plans and manage patient expectations using emotional dentistry principles and mock-up strategies

Recommended prerequisite: No formal prerequisite; open to domestic and international clinicians

Day-by-day curriculum

DAY 1 Aesthetic Diagnosis, Facial Analysis & Evaluation Frameworks

May 10, 2027 / March 20, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT

- The Art and Science of Aesthetic Diagnosis: applying the NYU Esthetic Evaluation Form as a clinical decision framework
- Facial esthetics: midline, symmetry, lip dynamics, and gingival architecture
- Dentolabial analysis: incisal edge position, phonetics, and smile line reference

AFTERNOON SESSION

LECTURE | DIDACTIC CONTENT

- Aesthetic philosophy and patient-centered treatment design
- Interdisciplinary treatment planning: sequencing periodontal, orthodontic, endodontic, implant, and restorative phases
- Complex case discussion and faculty Q&A

Stage 1 of 4

Day-by-day curriculum

Advanced Aesthetic Diagnosis, Planning & Smile Architecture

DAY 2 Color Science, Shade Selection & Advanced Dental Photography

May 11, 2027 / March 21, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT

- Advanced color science: hue, chroma, value, translucency, opalescence, and fluorescence
- Photography for advanced aesthetics: settings, standardization, and lab-communication protocols
- Cross-polarized photography and calibrated communication with the dental laboratory
- Clinical documentation as a diagnostic tool and a marketing asset

AFTERNOON SESSION

HANDS-ON | CLINICAL WORKSHOP

- Dental photography workshop: DSLR settings, ring vs. twin flash, mirrors and retractors, 21-photo protocol
- Photographic calibration for lab communication – live demonstration

DAY 3 Dental Anatomy, Digital Smile Design & Wax-Up Fundamentals

May 12, 2027 / March 22, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT

- Advanced dental anatomy and its foundational role in aesthetic outcomes
- Tooth morphology, surface texture, and proportional relationships in the anterior aesthetic zone

AFTERNOON SESSION

HANDS-ON | CLINICAL WORKSHOP

- Analog wax-up – faculty-guided hands-on exercise for one anterior aesthetic case

DAY 4 Emotional Dentistry, Mock-Ups & Case Presentation Mastery

May 13, 2027 / March 23, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT | HANDS-ON

- Digital Smile Design (DSD) workflow: from 2D photo protocol to design execution.
- Analog vs. digital wax-up: when each is superior; hybrid workflows.
- Software comparison: DSD, Smilefy, exocad Smile Creator, Digital Dental Design
- Digital wax-up in Meshmixer/exocad from imported scan and photograph
- Mock-up preparation and 3D print workflow review

AFTERNOON SESSION

LECTURE | DIDACTIC CONTENT

- Emotional dentistry: understanding the wants, needs, and psychological drivers of the aesthetic patient
- The consultation as a clinical intervention: framing, active listening, and expectation architecture
- Direct and printed mock-up strategies for case acceptance.

Stage 2 of 4

Advanced Direct & Minimally Invasive Aesthetic Restoration

Composite Mastery · Injectable & Layered Technique · Tabletops · Vonlays · Isolation Strategy

24 CE Hours · 4 Full Days · Oct 4 – Oct 7, 2027 / May 15 – May 18, 2028

Advanced learning objectives

- Execute advanced direct composite technique — polychromatic layering, dentin-enamel stratification, freehand and stent-guided approaches — in anterior and posterior segments
- Select and apply injectable composite systems as a clinically appropriate alternative to traditional direct or indirect approaches
- Perform minimally invasive indirect restorations including IDS-protected tabletops and vonlays with predictable adhesion
- Design and execute advanced isolation strategies for anterior aesthetic and complex posterior restorative sequences
- Manage aesthetic-zone challenges including advanced direct and indirect composite technique reconstructions.

Recommended prerequisite: Prior completion of Program 1 is recommended

Day-by-day curriculum

DAY 1 Isolation Mastery, Advanced Whitening & Composite Foundations

Oct 4, 2027 / May 15, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT | HANDS-ON

- Rubber dam as the non-negotiable aesthetic prerequisite: advanced clamp selection, split-dam, floss ligature, and staged isolation
- Rubber dam workshop: full quadrant isolation, split-dam for anterior aesthetics
- Cervical isolation technique for margin elevation cases

AFTERNOON SESSION

LECTURE | DIDACTIC CONTENT

- Advanced whitening protocols: chair-side vs. take-home, micro abrasion, and composite infiltration techniques
- Sensitivity management and resistant staining: tetracycline and fluorosis cases
- Post-whitening bonding: timing rationale and strategies to protect long-term shade stability

Stage 2 of 4

Day-by-day curriculum

Advanced Direct & Minimally Invasive Aesthetic Restoration

DAY 2 Advanced Direct Composite Artistry – Injectable & Layered Techniques

Oct 5, 2027 / May 16, 2028

MORNING SESSION	AFTERNOON SESSION
LECTURE | DIDACTIC CONTENT	HANDS-ON | CLINICAL WORKSHOP
• Injectable composite technique and its aesthetic-zone applications • Polychromatic layering: dentin, enamel, and effect layers – the anatomy of light behavior in composite • Silicone key technique for anterior direct veneers and Class IV restorations	• Injectable composite technique on typodont: aligner-based mock-up transfer • Anterior polychromatic build-up on plastic teeth – full incisors reconstruction • Silicone key fabrication – hands-on exercise

DAY 3 Advanced Freehand Composite & Surface Excellence

Oct 6, 2027 / May 17, 2028

MORNING SESSION	AFTERNOON SESSION
LECTURE | DIDACTIC CONTENT	HANDS-ON | CLINICAL WORKSHOP
• Advanced direct composite technique: polychromatic layering and dentin-enamel stratification • Freehand and stent-guided approaches for anterior and posterior segments • Surface texture, primary anatomy, and final polish sequences for aesthetic-zone composites	• Freehand composite build-up – hands-on exercise on typodont • Surface texture competition: polishing sequence on completed anterior build-ups • Faculty critique and structured feedback session

DAY 4 Minimally Invasive Indirect Restorations – Tabletops, Vonlays & Adhesive Protocols

Oct 7, 2027 / May 18, 2028

MORNING SESSION	AFTERNOON SESSION
LECTURE | DIDACTIC CONTENT	HANDS-ON | CLINICAL WORKSHOP
• Stamp technique, tabletop, and vonlay indications – clinical decision criteria and failure analysis • Preparation design for minimally invasive indirect restorations: margin geometry, isthmus depth, and adhesive surface • Adhesive protocols for lithium disilicate and hybrid ceramic minimally invasive restorations	• Preparation hands-on: tabletop, vonlay, and onlay preps on typodont molars • Faculty-guided preparation critique using silicone indices

Stage 3 of 4

Advanced Porcelain Laminate Veneers & Digital Prosthetic Workflow

Porcelain Laminate Veneers · Preparation · Temporization · Cementation · Digital Workflow

24 CE Hours · 4 Full Days · Oct 2 – Oct 5, 2028

Advanced learning objectives

- Design and execute porcelain laminate veneer cases from preparation through cementation with predictable esthetic and biological outcomes
- Select among lithium disilicate and hybrid ceramics based on clinical, biomechanical, and esthetic demands
- Execute a prosthetic workflow for aesthetic cases
- Apply evidence-based adhesion and cementation protocols that achieve predictable long-term bond strength
- Communicate with the aesthetic laboratory using calibrated photographs, digital files, and structured prescriptions that produce first-try results

Recommended prerequisite: Prior completion of Programs 1 and 2 is recommended

Day-by-day curriculum

DAY 1 Porcelain Laminate Veneers — Preparation, Impression & Cementation

Oct 2, 2028

MORNING SESSION	AFTERNOON SESSION
LECTURE | DIDACTIC CONTENT	HANDS-ON | CLINICAL WORKSHOP
• Porcelain laminate veneer principles: no-prep vs. minimal-prep vs. full-prep — clinical decision framework • Preparation geometry: depth cuts, incisal wrap, chamfer, interproximal extension, and cervical margin placement • Impression protocols: retraction cord technique and subgingival margin capture • Temporization techniques: the provisional as a diagnostic and phonetic-testing tool • Cementation protocols: bonding to ceramic and to tooth structure — evidence-based approach • Cementation choreography for multi-unit anterior cases: sequence, isolation, and curing • Post-cementation: margin refinement, occlusal adjustment, and post-operative instructions	• Porcelain laminate veneer preparation — hands-on on typodont • Depth-cut and silicone-index workshop • Preparation critique with silicone index and structured faculty feedback

Stage 3 of 4

Day-by-day curriculum

Advanced Porcelain Laminate Veneers & Digital Prosthetic Workflow

DAY 2 Provisionals, Try-In Pastes & Restorative Space Management

Oct 3, 2028

MORNING SESSION

HANDS-ON | CLINICAL WORKSHOP

- Provisional veneer strategy and cementation approach – hands-on
- Chairside bis-acryl provisional fabrication from silicone key on prepared typodont
- Ceramic surface treatment and silanization protocol on lithium disilicate veneers
- Multi-veneer cementation on typodont – sequence and technique
- Interproximal clean-up and margin refinement exercises

AFTERNOON SESSION

LECTURE | DIDACTIC CONTENT

- Restorative space management: crowded, spaced, and worn dentitions
- Diastema closure and black triangle management – proportional analysis and papilla behavior

DAY 3 Adhesion Science, Non-Prep Techniques & Ceramic Artistry

Oct 4, 2028

MORNING SESSION

HANDS-ON | CLINICAL WORKSHOP

- Diastema closure exercise on a two-tooth model with contact design and interproximal shaping

AFTERNOON SESSION

LECTURE | DIDACTIC CONTENT

- Non-prep veneers and the ink-glue technique: clinical indications and limitations
- Full-contour vs. layered ceramics – when each wins in the aesthetic zone

DAY 4 Zirconia, e.max & Advanced Digital Prosthetic Workflow

Oct 5, 2028

MORNING SESSION

LECTURE | DEMO

- Ink-glue technique – minimal non-prep ceramic protocol – faculty demonstration

AFTERNOON SESSION

HANDS-ON | CLINICAL WORKSHOP

- Advanced staining and glazing techniques for monolithic restorations
- Staining and glazing workshop on unfinished monolithic units hands on
- Current Concepts Certificate – brief case intent review (optional, end of session): participants pursuing the full series share their intended presentation case with faculty in a group discussion; no documentation required at this stage; not required for standalone Program 3 participants

Stage 4 of 4

Full-Mouth Aesthetic Reconstruction, Interdisciplinary Cases & Practice Mastery

Full-Mouth Planning · Perio-Ortho-Implant Integration · Complex Case Management · Business & Leadership

24 CE Hours · 4 Full Days + Half Day · Dec 4 – Dec 7, 2028 + Dec 8 (Half day) Case Presentations

Advanced learning objectives

- Plan and sequence full-mouth aesthetic reconstruction cases with attention to vertical dimension, occlusal stability, and phased delivery
- Integrate periodontal, orthodontic, and implant treatment into aesthetic case sequencing, including gingival architecture correction and pre-restorative alignment
- Manage the compromised aesthetic patient: worn dentition, partially edentulous cases, airway-driven restorative planning
- Deliver interdisciplinary cases with lab, specialist, and hygiene coordination that meets the highest standards
- Build the business and leadership infrastructure required to sustain an advanced aesthetic practice

Recommended prerequisite: Programs 1–3

Day-by-day curriculum

DAY 1 Full-Mouth Aesthetic Reconstruction and Ortho Aesthetic Integration

Dec 4, 2028

MORNING SESSION	AFTERNOON SESSION
LECTURE | DIDACTIC CONTENT – MORNING • Full-mouth aesthetic reconstruction: the sequencing decision – restorative-driven planning framework • Vertical dimension of occlusion: when to open, when to preserve, and when to test • Combination cases: worn dentition, existing restorations, and adhesion biology in older bonded surfaces	LECTURE | DIDACTIC CONTENT – AFTERNOON • Ortho-aesthetics: clear aligners as a pre-restorative tool – when alignment beats restoration • Full-mouth case integration: coordinating perio, ortho, implant, and restorative phases in a single treatment arc • Complex case discussion and faculty Q&A

Stage 4 of 4

Day-by-day curriculum

Full-Mouth Aesthetic Reconstruction, Interdisciplinary Cases & Practice Mastery

DAY 2 Perio-Aesthetics Integration

Dec 5, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT

- Gingival aesthetics: gummy smile diagnosis — dentoalveolar, skeletal, and muscular etiologies — and treatment matching
- Aesthetic crown lengthening: biologic width principles, surgical planning, and restorative timing
- Soft-tissue management in the aesthetic zone: papilla preservation and contour refinement

AFTERNOON SESSION

HANDS-ON | CLINICAL WORKSHOP

- Gingival contouring exercise on models
- Crown lengthening planning exercise: biologic width calculation and surgical mock-up

DAY 3 Implant-Aesthetics Integration

Dec 6, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT

- Implant dentistry in the aesthetic zone: emergence profile, screw-retained vs. cement-retained design, and soft-tissue support

AFTERNOON SESSION

HANDS-ON | CLINICAL WORKSHOP

- Screw-retained provisional workshop: fabricate, seat, and refine emergence profile on typodont

DAY 4 Airway Considerations, Business Strategy & Practice Mastery

Dec 7, 2028

MORNING SESSION

LECTURE | DIDACTIC CONTENT — MORNING

- Airway and sleep diagnostics: how airway considerations shape aesthetic and restorative decisions
- Wellness Dentistry, Dentist as Oral Health Physicians

AFTERNOON SESSION

LECTURE | DIDACTIC CONTENT — AFTERNOON

- Building the advanced aesthetic practice: systems, team, and patient experience
- Practice business strategy: positioning, case presentation, and premium-tier communication
- Personal mastery and leadership: sustaining the aesthetic practice long-term
- Closing ceremony, certificate presentation, and program celebration

DAY 5 Concept Certificate Case Presentations & Series Completion Ceremony

Dec 8, 2028

STAGE 4 OF 4 / DAY 5

Case presentations

Concept Certificate

Dec 8, 2028

- Formal Concept Certificate case presentations — Part I: participants present their case
- Each presentation is structured around the 4-domain evaluation rubric: clinical reasoning and diagnosis · treatment planning and sequencing · technique and outcome documentation · patient communication
- Faculty panel provides structured verbal feedback immediately following each presentation using the standardized Concept Certificate evaluation form
- Cases are evaluated holistically: diagnostic quality, radiographic and photographic documentation, clarity of treatment rationale, and evidence of clinical outcome assessment
- Faculty may request supplemental documentation if additional clinical evidence is needed before a final eligibility determination is made

Aesthetic Symposium

March 16 – 17, 2028