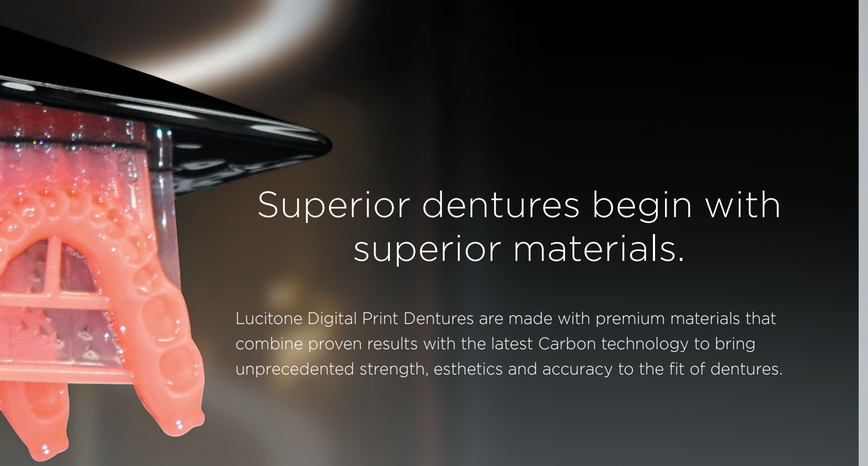


Superior dentures begin with superior materials.

Lucitone Digital Print Dentures are made with premium materials that combine proven results with the latest Carbon technology to bring unprecedented strength, esthetics and accuracy to the fit of dentures.

High Impact with IPN® Durability

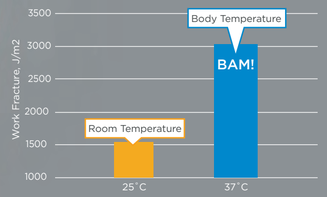
Lucitone Digital Print™ 3D Denture Resin and IPN 3D™ Digital Denture Teeth provide a combination of esthetics, function and performance. Lucitone Digital Print Resin exceeds ISO requirements for materials with improved impact resistance and is exclusively cleared by the FDA for the Carbon platform. The IPN 3D Teeth deliver exceptional wear and stain resistance.

Carbon® Digital Light Synthesis™

With Carbon's groundbreaking Carbon® Digital Light Synthesis™ technology, digital dentures by Carbon have quality levels that surpass conventional manufacturing. Using this technology with Dentsply Sirona materials helps ensure accurate, precise fitting appliances.

Body Activated Material

Lucitone Digital Print 3D Denture Resin features smart polymer technology that permits the finished denture to immediately respond to body temperature. The amplified material properties resist breakage and prevent the worsening of any existing cracks or fractures.



How to get started

Talk to your lab to learn more about the Lucitone Digital Print Denture by Carbon®, or contact your Dentsply Sirona representative today to find a partner to help you take advantage of this new industry-changing technology.

Dentsply Sirona | 570 West College Avenue | York, PA 17401 | 800-243-1942 | dentsplysirona.com/lucitonedigitalprint

Dentsply Sirona | Carbon®

LUCITONE DIGITAL PRINT DENTURE CLINICAL WORKFLOW

Time to Touch Base with the Future

Dentsply Sirona | Carbon®

The future of dentures is digital.

As the aging population continues to drive demand for dentures, clinicians seek solutions that promote efficiency and accuracy to increase patient acceptance. Dentsply Sirona and Carbon are pleased to present a ground-breaking, 3D printed workflow that provides significant advancements in terms of esthetics, material benefits, the chairside process, and function for the patient.

BODY ACTIVATED MATERIAL

that responds to body temperature to increase strength two-fold while being worn

HIGHER PATIENT SATISFACTION

due to better retention and adaptation to anatomy

PERMANENT DIGITAL RECORD

so patients can quickly and easily replace lost or damaged dentures

ATTRACT NEW PATIENTS

by utilizing the latest technology with a more efficient denture workflow

"Denture making is entering a new renaissance with Dentsply Sirona and Carbon leading the way."
Stephen Wagner, DDS, FACP, Wagner Denture Group

"Dentsply Sirona 3D print materials, Lucitone Digital Print and IPN 3D Teeth combined with Carbon technology, provides a digital workflow that will increase productivity while providing successful outcomes for patients!"
Robert Kreyer, CDT, CEO, Dentgnostix

CLINICAL 3D PRINTED DENTURE WORKFLOW

The 3D Printed Denture Workflow provides the clinician a seamless integration into the process by leveraging existing techniques. Upon developing digital proficiency, the workflow has the potential to be completed in just three chairside appointments by eliminating the Try-In.

New Denture Patient

1 Preliminary Impression

Lab creates model and occlusal base plate with wax rims.

2 Final Impression & Records

Lab scans, designs and prints Try-In.

Skills Required	Utilize the same process as a traditional denture.	Impression technique proficiency to capture proper registration and essential records.
Recommended Materials	Algin•X™ Ultra Alginate Alternative	Aquasil® Ultra+ LV, XLV and Rigid Impression Material, Regisil® 2X Bite Registration and Caulk® Tray Adhesive

Existing Denture Patient

Reference Denture Technique

1 Evaluate Reference Denture

Confirm the following before proceeding:

- Base and teeth are intact.
- Borders are well-extended.
- Base covers tuberosities.
- Occlusion is worn but still adequate to obtain accurate bite registration.

If any of the above criteria is not met, use the New Denture Patient workflow listed above.

2 Final Impression & Records

Lab scans and prints Try-In.

Skills Required	Impression technique proficiency to capture proper registration and essential records.
Recommended Materials	Use reference denture as a custom tray. Aquasil® Ultra+ LV, XLV and Rigid Impression Material, Regisil® 2X Bite Registration and Caulk® Tray Adhesive

Keys to Success

Digital accuracy for optimal results requires the following:

- Impression technique proficiency to capture key landmarks and essential records.
- Collaboration and clear communication with Lab regarding design and any changes to the vertical dimension.

3 Try-In (Optional)

The Try-In is used as a diagnostic tool to evaluate fit, phonetics and function.

Lab and **Clinician** determine final design & finishing preferences.

Lab prints final denture.

4 Final Denture

Skills Required	Learn new, printed Try-In technique and adjustment instructions.	Utilize the same placement technique as a traditional denture. Confirm fit, function and esthetics.
Recommended Materials	Request Lucitone Digital Try-In™ 3D Trial Placement Resin from your Lab.	Request Lucitone Digital Print™ 3D Denture Resin with IPN 3D™ Digital Denture Teeth from your Lab.

Scan me

- View the Lucitone Digital Print Denture Lab Workflow video.
- Review the complete Reference Denture Technique.
- Download the Try-In Checklist.