



**BUILD IT FAST.  
MAKE IT LAST.**

**SINGLE-UNIT  
CROWN SUCCESS**



# The Workflow Makes the Difference

**288**

single-unit crown procedures are performed yearly, on average<sup>1</sup>

**69%**

of dental office patients have at least one full-coverage crown<sup>1</sup>

Up to  
**48%**

of restorative revenue comes from single-unit crowns<sup>2</sup>

As the second most common restorative procedure,<sup>3</sup> high-quality single-unit crowns are essential to the satisfaction of your patients and success of your practice.

However, few procedures involve as many steps—each requiring nuanced techniques that build upon each other. The satisfaction of your patients and the longevity of your restorations depend on working with precision from start to finish.

Dentsply Sirona's Single-Unit Crown Workflow Solutions bring together the solutions, education, and support you need to build lasting results.

1. Data on file.  
2. 2011 ADA Survey of Dental Fees.  
3. 2006 ADA Survey of Dental Services Rendered.

# Build it fast. Make it last. Step by step.

Anything that impedes your performance wastes valuable chairtime and can compromise the longevity of your restoration. That's why it's important to optimize your workflow, from the preliminary impression to the final crown cementation.

The success of every single-unit crown depends on your ability to work efficiently while delivering long-lasting restorations.



of clinicians say that inefficiencies hamper their single-unit crown procedures.<sup>1</sup>

or more is lost in production inefficiencies each month, particularly due to excess trimming and adjusting.<sup>1</sup>

of crown failures can be attributed to avoidable risks.<sup>1</sup>

are among the largest contributors to premature crown failures.

## Efficiency improves your practice performance.

A more efficient workflow means a more profitable procedure. Dentsply Sirona's Single-Unit Crown Workflow Solutions simplify and optimize the most critical steps—delivering predictable results in both provisionalization and final impression taking.

- **Final Impression Solution.** Quickly capture every necessary detail, even in less-than-ideal intraoral environments, the first time and every time.
- **Provisional Solution.** Ensure patient fit, form, function, and esthetics reliably and efficiently for visits one and two.

## Longevity is key to patient satisfaction.

Dentsply Sirona's Single-Unit Crown Workflow Solutions are designed to help you improve crown longevity and protect marginal integrity—the two most important clinical improvements cited by general practitioners.<sup>1</sup>

- **Core & Post Solution.** Restore and reinforce inadequate tooth structure with a preparation designed to endure.
- **Final Crown Cementation Solution.** Provide lasting marginal integrity for long-lasting restorations.

<sup>1</sup>. Data on file.



# Our Single-Unit Crown Workflow Solutions deliver at every step.

## Core & Post Solution

### ENSURE LONGEVITY

Build a strong foundation for the future

A strong foundation is essential for restoration success. Retention of the final crown can be compromised if the preparation is inadequate. Poor marginal integrity and leakage resulting from improper preparation can lead to secondary caries that put restoration longevity at risk.

- FluoroPost™ Endodontic Fiber Posts
- Prime&Bond elect® Universal Dental Adhesive
- FluoroCore® 2+ Dual Cure Core Build-Up Material + Fast Endodontic Post Cement

## Final Impression Solution

### ENSURE EFFICIENCY

Capture every detail quickly and reliably

Final impression accuracy and speed require adequate tissue management and a system that allows you to capture the most precise final impression in even the most difficult oral environments.

- Hemoban™ Gel 25% Aluminum Chloride Hemostatic Solution
- FOR CONVENTIONAL IMPRESSIONS
- Aquasil® Ultra+ Smart Wetting® Impression Material
  - digit Power® Dispenser
- FOR DIGITAL IMPRESSIONS
- Primescan™

## Provisional Solution

### ENSURE EFFICIENCY

Get the blueprint right from the start

Our Provisional Solution aims to improve overall procedural efficiencies by starting with ideal fabrication and ending with a strong provisional.

- Algin•X™ Ultra Alginate Alternative
- Integrity® Multi•Cure Temporary Crown & Bridge Material
- Integrity® TempGrip® Temporary Crown & Bridge Cement

## Final Crown Cementation Solution

### ENSURE LONGEVITY

Achieve a seamless fit with the necessary strength and esthetics

Success is a crown that fits well, functions properly, meets the esthetic demands of the case, and ensures marginal integrity for lasting results. Cementation should be simple and contribute to the overall results without being a liability risk for microleakage or secondary caries.

FOR POSTERIOR RESTORATIONS

- Cercon® ht Zirconia
- Calibra® Bio Bioceramic Luting Cement

FOR ANTERIOR RESTORATIONS

- Celtra® High-Strength Glass Ceramic Material
- Prime&Bond elect® Universal Dental Adhesive
- Calibra® Ceram Adhesive Resin Cement



# LONGEVITY

Achieve long-lasting performance

## CORE & POST SOLUTION

100%

greater overall retention can be achieved by placing a post in an endodontically treated tooth.<sup>1</sup>

Dentsply Sirona's Core & Post Solution gives you the confidence you need to reliably bond the post into the canal, properly build up sufficient tooth structure, and achieve a tight coronal seal.

- **FluoroPost™ Endodontic Fiber Posts** offer a modulus of elasticity close to that of dentin that minimizes the risk of tooth fractures. The tapered shape mimics root canal anatomy, so you can achieve a precise fit with minimal dentin removal.
- **FluoroCore® 2+ Dual Cure Core Build-Up Material + Fast Endodontic Post Cement** is multi-purpose for an easier and faster procedure. For post cementation, it provides a high depth of cure and exceptional strength for a reliable bond. For core build-up, it's easy to use, cuts like dentin, and provides high compressive, tensile and flexural strengths.
- **Prime&Bond elect® Universal Dental Adhesive** delivers high bond strength and ensures full-depth cure without relying on full penetration from a curing light.\*

\*When used with Self Cure Activator.

## FINAL CROWN CEMENTATION SOLUTION

69%

of general practitioners see a need for improved protection of marginal integrity and reduced risk of secondary caries.<sup>2</sup>

To minimize the risk of errors, our definitive cements are designed for reliable strength, seamless adaptation, and easy cleanup. We balance durability and esthetics for your various case needs.

### FOR POSTERIOR RESTORATIONS

- **Cercon® ht** sets new standards for zirconia when it comes to reproducing the classic 16 VITA® shades. Cercon® ht provides the highest level of color accuracy.
- **Calibra® Bio Bioceramic Luting Cement** provides seamless adaptation at the marginal interface, while forming a self-repairing hydroxyapatite layer to minimize microleakage and protect long-term marginal integrity.

### FOR ANTERIOR RESTORATIONS

- **Celtra® High-Strength Glass Ceramic Material** delivers a precise balance of strength and beauty.
- **Prime&Bond elect® Universal Dental Adhesive** is formulated to work with Calibra® Ceram Adhesive Resin Cement to simplify cementation and deliver high strength with no need for a self-cure activator and no mixing of primers.
- **Calibra® Ceram Adhesive Resin Cement** offers high strength and easy cleanup.



1. Clinicians Report, November 2013.  
2. Data on file.

# EFFICIENCY

Realize a more profitable workflow

## PROVISIONAL SOLUTION

75%

of problems with provisionals can derive from the preliminary impression.<sup>1</sup>

97%

of clinicians have often needed to remake, repair, or replace provisionals due to failure.<sup>1</sup>



High detail and dimensional stability in the preliminary impression help counteract common pitfalls like open margins, rough margins, bad contours, or poor occlusal contacts. Combine an accurate matrix with a high-strength, on-demand light-cure material that finishes smoothly to ensure future tissue health. Choose a strong cement that minimizes the threat of post-operative sensitivity and leaves a clean field upon removal.

- **Algin-X™ Ultra Alginate Alternative** delivers predictable accuracy with dimensional stability, requiring less time adjusting while providing a permanent record.
- **Integrity® Multi-Cure Temporary Crown & Bridge Material** delivers strength where and when you need it, with on-demand light curing to allow for immediate and precise trimming. It also finishes smoothly to ensure future tissue health.
- **Integrity® TempGrip® Temporary Crown & Bridge Cement** simplifies seating of the provisional with no need for a dry field, holds the provisional securely in place. Protecting the tooth preparation, Integrity® TempGrip® Cement also sticks to the crown, not the preparation, upon removal, simplifying clean up and the final crown seating appointment.



## FINAL IMPRESSION SOLUTION

60%

of clinicians encounter patient bleeding while taking an impression.<sup>1</sup>

1 in 3

dentists have problems with crown fit due to impression errors.<sup>1</sup>

Our Final Impression Solution creates a more efficient workflow by controlling bleeding after preparation and by helping you achieve an accurate impression even in challenging intraoral environments.

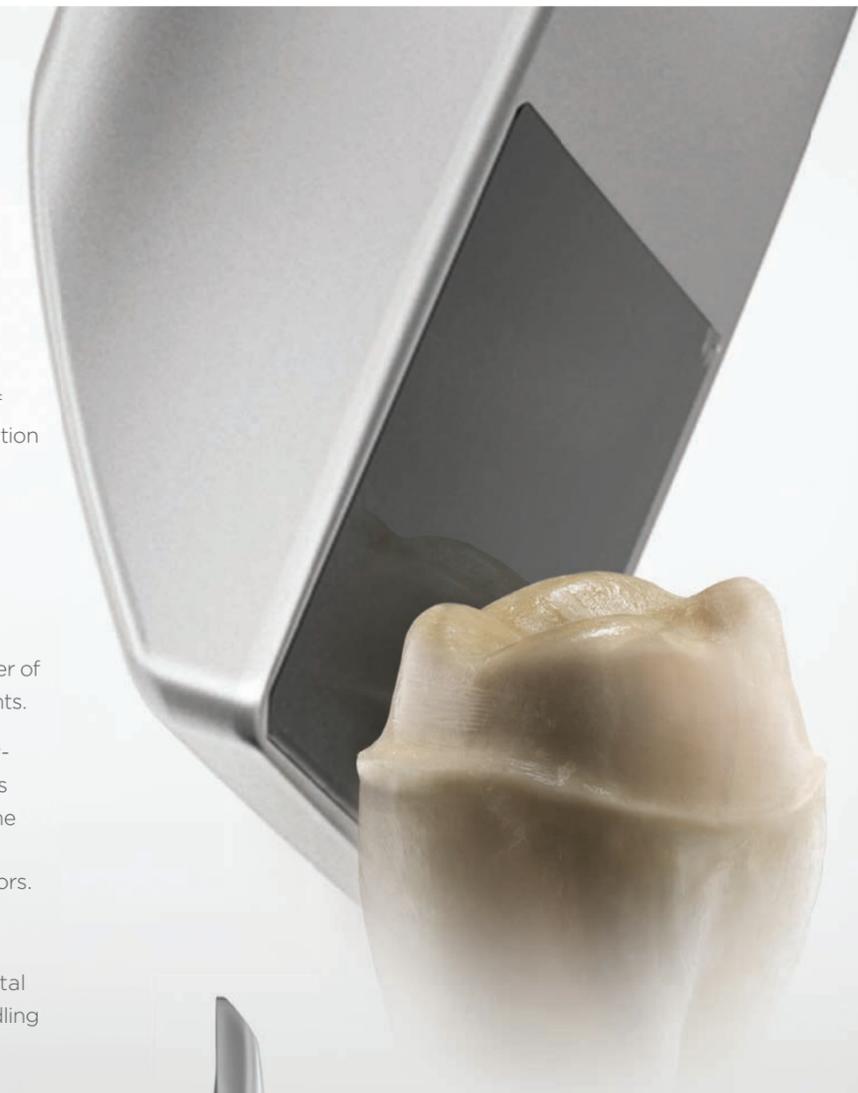
- **Hemoban™ Gel 25% Aluminum Chloride Hemostatic Solution** quickly stops bleeding precisely and efficiently. The transparent non-drip gel stays where you place it and rinses off easily with no residue. It coats and lubricates retraction cords, making packing and removing cord easier, reducing risk of secondary bleeding.

### CONVENTIONAL IMPRESSION TAKING

- **Aquasil® Ultra+ Smart Wetting® Impression Material** has leading intraoral performance for both hydrophilicity and tear strength, adding an extra layer of confidence in less than optimal intraoral environments.
- **digit Power® Dispenser** is an ergonomic battery-powered, low-viscosity material dispenser that lets you focus on what matters most: a procedure done with precision. The digit Power® Dispenser helps minimize the risk of delivery-related impression errors.

### DIGITAL IMPRESSION TAKING

- **Primescan™** powder-free scanner enables a digital impression workflow—giving you unrivaled handling and precise 3D scans sent directly with the case file to your lab.





## EDUCATION

## SUPPORT

COMMITTED TO CONTINUOUS LEARNING

### Clinical Education

The Dentsply Sirona Academy, Charlotte is a state-of-the-art training facility for dental professionals who seek a comprehensive variety of clinical and technical continuing education curriculums, including hands-on teaching, live lectures, and on-demand webinars. Featuring courses taught by internationally known experts in all fields of dentistry, Dentsply Sirona is committed to empowering dental professionals through innovation and education.

WE'RE HERE FOR YOU

### Service & Support

At Dentsply Sirona, we pride ourselves on being the authority for making single-unit restorative procedures more efficient, effective, and successful. Our customer support team has extensive experience, with a focus on providing you industry-leading customer and clinical support.

[For more information and to request a demo, contact your Dentsply Sirona Representative.](#)

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THE DENTAL  
SOLUTIONS  
COMPANY™

