Carestream
DENTAL

IMPLANTING
CONFIDENCE

IMPLANT SUCCESS IS AT YOUR FINGERTIPS

As a dental professional, you not only face an increasing number of patients seeking implant treatments, but patients expect the best results with shorter treatment times. This means that when it comes to your dental implant cases, predictability, accuracy and efficiency is everything.

New implant technology that inspires confidence when planning and placing implants is key to facilitating a more effective workflow.

CS Solutions for Implants has been created to simplify—not complicate—the work you do. These integrated solutions support diagnostics, treatment planning and communication to help you perform implant placement with greater assurance and precision.

CS Solutions for Implants give you the optimal results you are looking for with faster treatments, reduced visits and increased patient satisfaction.

CS SOLUTIONS FOR IMPLANTS

• One integrated solution, from 3D scanning to restoration
• Reduces treatment steps and appointments through a fully digital, model-free workflow
• Improves efficiency, safety and collaboration across your digital workflow
• Facilitates openness and flexibility for any lab setup or implant-borne restorations
• Enhances communication, resulting in increased treatment acceptance

Scanning and diagnosis   3D planning   Placement   Restoration

YOUR COMPLETE PROCESS
ONE INTEGRATED SOLUTION

CS Solutions for Implants covers the entire implant workflow. Our digital systems can significantly improve your practice's efficiency, safety and communication. From diagnosis and implant planning to guided surgery and restoration—our solutions allow you to work quickly and confidently, helping your patients feel more comfortable in your care.

SCANNING AND DIAGNOSIS
It all starts with scans

3D PLANNING
Plan implants with optimal restoration in mind

PLACEMENT
Surgery preparation

RESTORATION
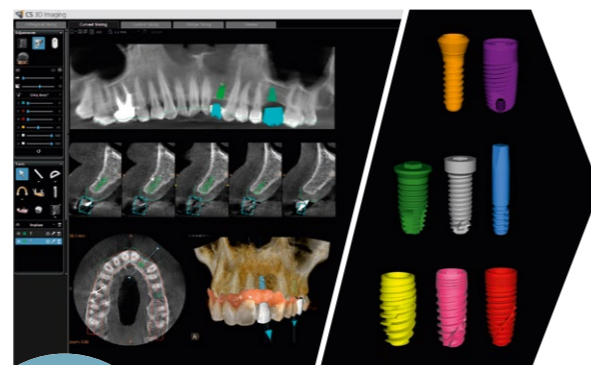Easy communication and collaboration

At the first visit, a 360° view of bone structure and digital impressions give you a full picture of the clinical situation and help you make an accurate and safe diagnosis.

- Flexible CBCT systems provide a wide range of fields of view covering all your implant indications
- Evaluate the clinical situation with a clear view of the bone volume, mandibular nerve and sinuses
- Quickly and accurately record soft tissues with Carestream Dental's intraoral scanners
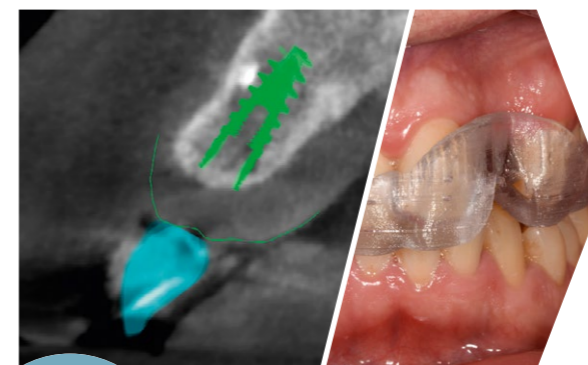
Using CS 3D Imaging software, you can automatically align your scans, access virtual crowns and select from a comprehensive implant library to virtually place implants in the appropriate axis and include abutments.

- Simultaneously view the location of the implant in relation to the bone and to the future restoration
- Easily find the optimal position necessary to maximize the functional and aesthetic results

Prosthetic-Driven Implant Planning module
Now you can merge CBCT and digital impression data automatically with little to no manipulation.

By simply exporting the 3D data into your favorite third-party surgical guide software surgical guides can be easily created.

- Share both CBCT (DICOM) and digital impression (.STL) data

One-click implant reports
You can easily generate implant reports with a single click, helping you effectively prepare for your surgery and share information with your treatment network.

Once the implant has been placed, your workflow remains fully digital thanks to the acquisition of scan bodies and seamless communication of data with your treatment network.

- Acquire scanbodies with a Carestream Dental intraoral scanner to capture the implant position
- Open file formats can be shared with the lab of your choice
- Labs can use any third-party CAD software to create implant-borne restorations

PROSTHETIC-DRIVEN
IMPLANT PLANNING

LEAVE NOTHING TO CHANCE

Planning and strategy goes a long way when it comes to implant placement and restoration. The Prosthetic-Driven Implant Planning module makes it possible to develop a restorative plan that takes into account your patients' functional requirements, anatomical constraints and a position that is ideal for future restorations.

CS Solutions for Implants facilitates a workflow that shifts from a solely surgical-based implant to a prosthetically driven plan. This enables you to provide faster treatments that meet the needs of your patients and further improve your implant practice and protocol possibilities.

▶ **CBCT SCAN**
Take a CBCT scan to evaluate the patient bone structure

▶ **INTRAORAL SCAN**
Acquire a digital impression using a Carestream Dental intraoral scanner

▶ **EXCLUSIVE AUTOMATIC MERGE**
Automatically merge the CBCT with the digital impression data

▶ *"The prosthetic-driven approach to implant placement enables you to start at the end of your plan and work backward, eliminating all guesswork from the process."*
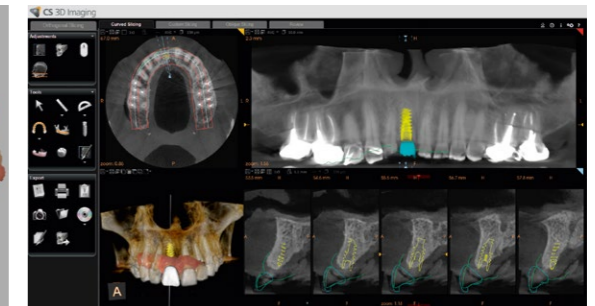
Dr. Lawrence H. Marks, Advanced Smile Solutions

CLINICAL CASE
IMMEDIATE IMPLANT PLACEMENT AND LOADING AFTER EXTRACTION IN MAXILLARY ANTERIOR REGION
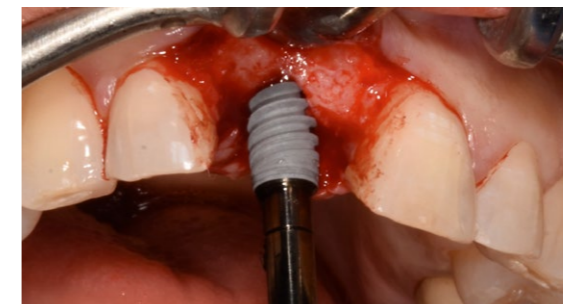
FIRST APPOINTMENT

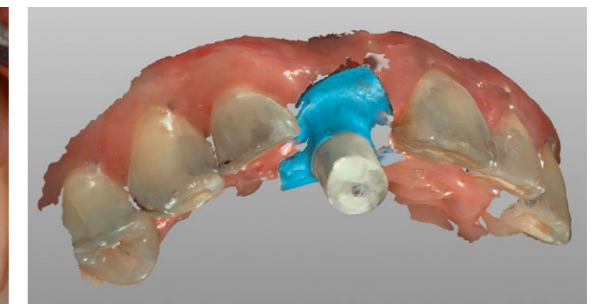CBCT scan and digital impression are acquired

Implant is planned using CS 3D Imaging software with Prosthetic-Driven Implant Planning module

SECOND APPOINTMENT

Surgery is performed freehand

Scanbodies are placed and scanned to localize the implant position

THIRD APPOINTMENT

Digital impression is transferred to the lab for temporary crown creation

The temporary restoration is placed into the patient's mouth

OPEN IMAGE FILES FOR **COLLABORATIVE PLANNING**

Your implant work flows only as well as the relationship between your practice and your treatment network. The open architecture of our solutions allows you to easily share files with referrals, third parties or your lab partners. This results in better relationships with your partners based on speed, efficiency and confidence.

3D Imaging Systems
(CS 8100 3D and CS 9300 / CS 9300 Select)

- Low-dose, high-quality 3D X-ray images
- Fields of view ranging from 5x5 cm to 17x13.5 cm
- Easy sharing of DICOM data with third-party implant software

Intraoral Scanners
(CS 3600 and CS 3500)

- High-speed and accurate digital impressions
- Scanning of scanbodies
- Open files for easy sharing with the lab of your choice

CS 3D Imaging/CS Imaging Software

- Comprehensive implant library includes more than 60 manufacturers
- Implant report in one click
- DICOM compatible
- One-stop access to all your dental images and CAD/CAM data through a single software
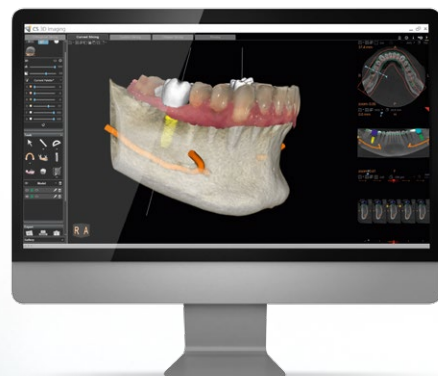
Prosthetic-Driven Implant Planning Module

- Automatic digital impression and CBCT scan data merging
- Virtual crown functionality for prosthetic-driven planning

For more information, visit us at **www.carestreamdental.com** or call us at **800 944 6365**