



Azento™
Single tooth replacement

User guide

Azento™

Single tooth replacement

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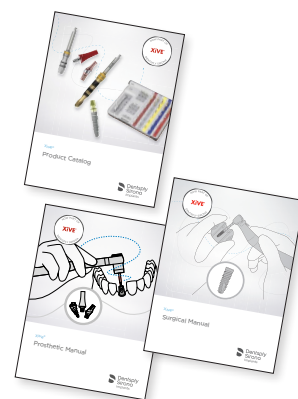
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This Quick User Guide only addresses information needed to get started with the Azento workflow solution for single tooth replacement. For all other instructions and/or full descriptions of implant placement and restorative procedures for the Xive Implant System and Atlantis Abutments and Crown solutions, please refer to the appropriate manual and catalog.

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Azento™ Single tooth replacement

Azento provides a streamlined custom implant solution, enabling consistently excellent results for your patients and practice

Azento is a convenient end-to-end implant solution providing a custom set of patient-specific instruments and materials. It makes ordering and case management easy and saves time by reducing the workflow steps for implant procedures.

Azento is designed to help dentists provide the most favorable implant, implant position, healing environment, and restoration for every case. Azento will deliver custom healing prosthetics at the time of implant placement, enabling an esthetic final result.

The Azento workflow

Azento streamlines digital implant planning, purchasing and delivery from imaging to restoration:

1. Simply scan your patient and upload the data into the Case management portal.
2. Within one business day you will get a suggested implant and restorative treatment plan to approve.
3. After approval of the treatment plan, we will design, manufacture, pack and ship the required surgical and restorative components in one single box, within five business days.

Currently indicated for:

1. Single tooth replacement where adjacent teeth are present on both sides of the implant site.
2. Placed with the Simplant Guide, which provides full guidance for drilling and implant installation.



Scan and upload



Confirm surgical and restorative planning



Treat

The Azento solution

Each patient receives a precise, custom treatment plan recommendation based on their CBCT and intraoral scanning images, including:

- Surgical guide
- Instruments needed for the case
- The Implant for the case
- Customized healing abutment
- Customized temporary restoration



Xive® Implant System concept

Implant assortment for guided surgery

Xive offers a comprehensive range of implants from 3.0 mm up to 4.5 mm diameter and 8 mm up to 15 mm length. Xive makes optimum use of the available bone volume and density thanks to bone-specific preparation protocol and adapts to variations in jaw anatomy, with a wide range of diameters and lengths, that combine with the cylindrical implant body.

Diameter	3.0 mm	3.4 mm	3.8 mm	4.5 mm
Lengths Xive S	—	—	8 mm	8 mm
	—	9.5 mm	9.5 mm	9.5 mm
	11 mm	11 mm	11 mm	11 mm
	13 mm	13 mm	13 mm	13 mm
	15 mm	15 mm	15 mm	15 mm

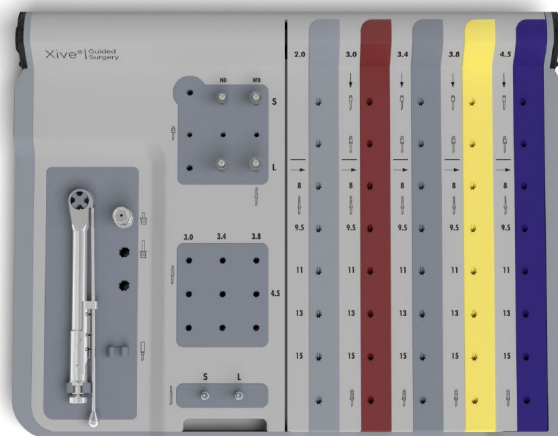
Color-coded

A separate color is allocated to every Xive implant diameter, and it can be found on all implant packages, instruments and prosthetic components. The color-coding makes it easy to identify the diameter and select the right prosthetic components without danger of confusion.

Start-up kit: surgical and restorative instruments for Xive Implant System

The Guided Surgery System for Xive is available with all the necessary instruments and drills that are compatible with the Azento solution. The system supports the complete Guided Surgery assortment for all Xive implant diameter: D3.0, D3.4, D3.8 and D4.5. The Guided Surgery System comes with the multiple use instruments for the most commonly used implant lengths of 8–15 mm. You will be provided with the following instruments for the Xive Guided Surgery System.

- Xive Implant drivers GS short and long, narrow (ND) and wide (WD) for TempBase
- Xive Hex Driver short and long for Contra-angle
- Xive Ratchet Insert for Instruments
- Xive Surgical Ratchet with Torque Indication



Xive surgical tray used for staging instruments for the procedure as well as storing multiple use instruments.

Compatible with your procedure solution.

Sharp twist drills and sleeves for the planned implant will be conveniently included with every case, every time. After the procedure, simply dispose of the twist drills.

Simplant® Guide - Xive®

- Simplant Guide with optional lateral opening for easier access.



Surgical Start-up Kit Check List	
Item no.	Description
32266195	Xive Hex driver 0.9 / L
32266190	Xive Hex driver 0.9 / S
32265702	Xive Implant Driver GS long, narrow for Temp Base
32265703	Xive Implant Driver GS long, wide for Temp Base
32265700	Xive Implant Driver GS short, narrow for Temp Base
32265701	Xive Implant Driver GS short, wide for Temp Base
32265010	Xive Surgical Kit Tray GS (empty)
32266110	Xive Ratchet insert for Instruments
32466010	Xive Surgical Ratchet with torque Indication

Sleeve-on-Drill™ drilling sleeves

- Sleeve-on-Drill concept for easy and safe surgical procedures.
- Smart marking on the implant driver to ensure the correct indexing of the implant



**Restorative components:
Atlantis and Xive Implant System**

The start-up kit restorative instruments and components include the following:

- Prosthetic Set Mini
- Friadent® Handpiece HexDriver (short)
- Friadent® Handpiece Hex Driver (long)
- Spare Atlantis Abutment screws for each Xive implant diameter
- Atlantis IO FLO supporting all implants (scanbody for final restoration)

Restorative Start-up Kit Check List	
Item no.	Description
35230	IO-J-01 Xive S 3.0 D 3.0
35231	IO-J-02 Xive S 3.4 D 3.4
35232	IO-J-03 Xive S 3.8 D 3.8
35264	IO-J-04 Xive S 4.5 D 4.5
32464304	Friadent Standard Abutment Screw (3.0)
32464305	Friadent Screw for EstheticBase (3.4, 3.8, 4.5)
32465711	Friadent® Handpiece HexDriver Width 1.22 mm/short
32465721	Friadent® Handpiece HexDriver Width 1.22 mm/long
32467000	Prosthetic Set Mini

Xive® Step-by-step instructions

For preparation and installation of a Xive implant, follow the steps below. A tooth-supported guide is presented in the example below.

Note: See Xive surgical manual section, “Guided Surgery” for detailed surgical drilling protocol and options. For restorative work, see the Xive Prosthetic Manual.

Note: All drilling should be performed at a maximum speed of 800 rpm with internal irrigation.

Case Example:

Tooth position 11,
Xive S implant D3.8/L13, placed in medium bone
Atlantis Abutment and Atlantis Temporary Crown



Tissue Punch D3.8 GS (optional)



Initial Drill D3.8 GS



Twist Drill D2.0 / L13 GS with Sleeve-on-drill



Twist Drill D3.0 / L13 GS with Sleeve-on-drill



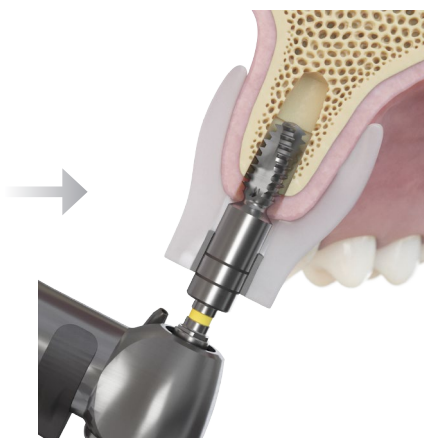
Twist Drill D3.4 / L13 GS with Sleeve-on-drill



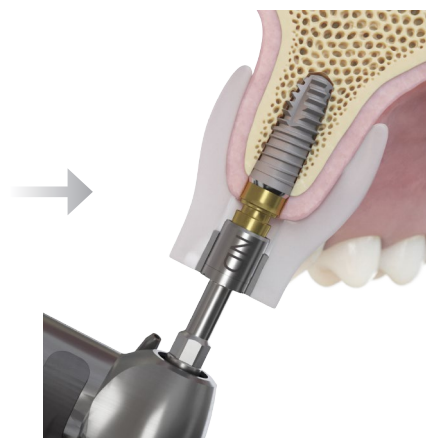
Twist Drill D3.8 / L13 GS with Sleeve-on-drill



Twist Drill crestal GS D3.8



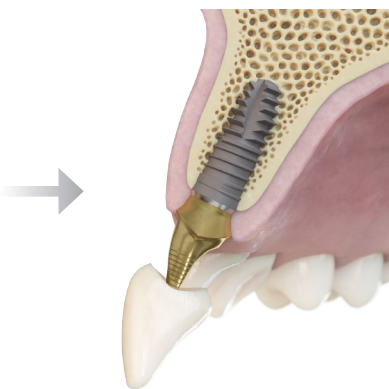
Tap GS D3.8 (optional) D1 Bone only



Implant installation



Installation of Atlantis Abutment



Cementation of Atlantis Temporary Crown

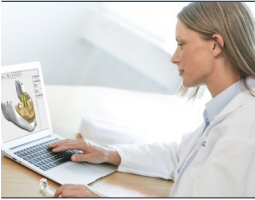


Single tooth replacement options

Azento single tooth replacement solutions offer customized soft-tissue healing with two options:

- Immediate temporization procedure
- Customized healing procedure

Each solution is equipped with the stock and custom surgical and restorative components required to complete the single tooth procedure of your choice.

Contents of Azento procedure solutions

			Azento single tooth procedure solutions	
			Custom healing procedure	Immediate temporization procedure
	Digital Planning	Surgical and restorative treatment proposal	X	X
	Guided implant placement & customized healing	Simplant Guide	X	X
		Case-specific drills and sleeves	X	X
		Implant for the case	X	X
		Atlantis Healing Abutment	X	X
	Temporization	Atlantis Abutment		X
		Atlantis Temporary Crown		X
		Atlantis Core File		X

Customized healing procedure with Atlantis Healing Abutment

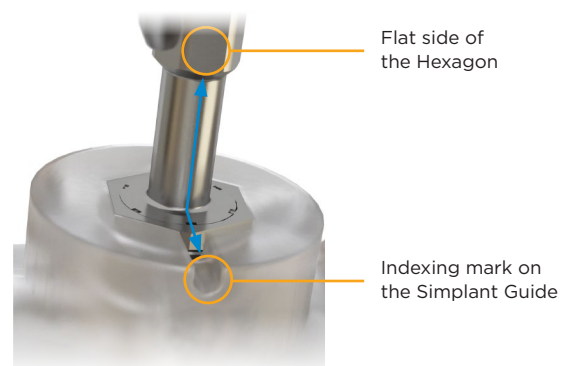
This single tooth procedure solution is ideal for a posterior edentulous space where the patient can benefit from individualized soft-tissue contouring during the healing period.

For more in-depth instructions on these products, please refer to the Atlantis patient-specific abutments and crowns - Design Guide. (ID number: 32670606-USX).

Smart markings for correct indexing

Through guided implant placement, using the Siplant Guide, the accurate position of the Xive Implant translates to the rotational position of the Atlantis Healing Abutment and Atlantis Abutment. Using the smart markings on the Siplant Guide and the implant driver, finding the correct alignment of the patient-specific restorations is straightforward.

Note: Always make sure that one of the six flat sides of the drivers Hexagon and one of the six indexing notches of the driver are in alignment with the indexing mark on the Siplant Guide!

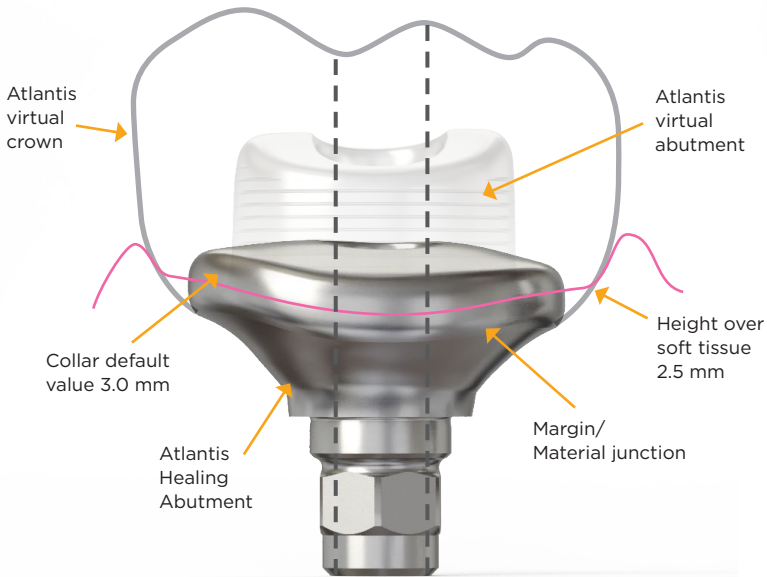


Atlantis Healing Abutment

The patient-specific Atlantis Healing Abutment in titanium is designed based on the planned final Atlantis Abutment and crown, using the same emergence profile to simplify the esthetic outcome during the soft tissue healing phase.

The ideal emergence profile is transferred to the final Atlantis Abutment, which minimizes interference of the gingiva at the time of placing the final restoration. This enhances patient comfort and speeds-up the procedure. A dimple marks the lingual. If the mark is missing due to the screw access hole placement, the screw hole will guide the insertion.

Note: For the Atlantis Healing Abutments, use light finger force of 5-10 Ncm to tighten the abutment screw.



Ideal emergence profile can be provided during the healing phase.

Easily transferred or adjusted to the final Atlantis abutment.

Minimal interference of the mucosa when installing final abutment and crown.

Immediate temporization: Atlantis patient-specific abutments and temporary crowns

The immediate temporization solution is ideal for esthetic zone cases where a temporary crown is needed.

Together with a custom Atlantis Abutment and the Atlantis Temporary Crown, this works as an immediate restoration during the healing period.

The Simplant Guide ensures the correct position of the abutment and temporary crown.

The crown, is available in 6 different shades of multi-layered (gradient) PMMA and the Atlantis Abutment is available in titanium or gold-shaded titanium.

Per default the crown is designed out of the patient's occlusion and has intentionally 50 µm heavy contact points towards the neighbouring teeth, to be adjusted chairside.

The immediate temporization solution can be ordered to be screw- or cement-retained.



Screw-retained restorations

The Atlantis Temporary Crown is cemented extraorally to the Atlantis Abutment.

The restoration is placed, tightened and the screw access hole of the crown is sealed.



Cement-retained restorations

The Atlantis Abutment is placed and tightened. The screw access hole of the abutment is sealed and the Atlantis Temporary Crown is cemented to the abutment.

Note: For the Atlantis abutments, use a torque of 15 Ncm for immediate temporization to tighten the abutment screw.

For final restorations, the recommended torque value is 24 Ncm.

Primary stability

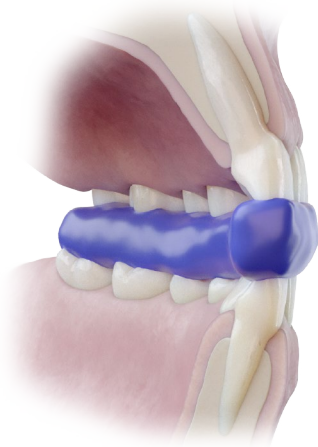
If sufficient primary stability is not achieved at the time of implant installation, use the Atlantis Healing Abutment or cover screw.

For more in-depth instructions on these products, please refer to the Atlantis patient-specific abutments and crowns - Design Guide. (ID number: 32670606)



Scanning guidelines

A CT or 3D cone beam and digital impressions are required for each case. The CT or 3D cone beam scan provides information about the bone, teeth and other anatomical structures. The digital impression of the arches provides information about the remaining teeth and soft tissue, and is used to design a patient-specific guide and restoration.



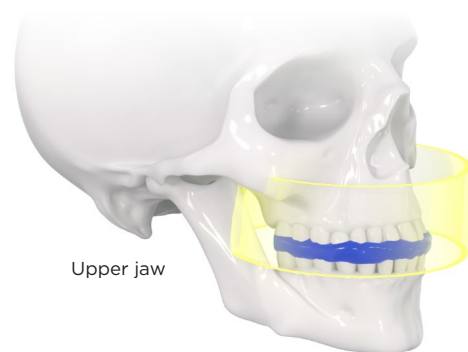
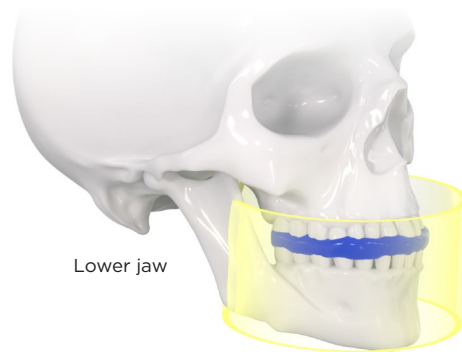
The complete upper or lower arch, including the bite index and the opposing arch, should be in the field of view.

- Scan images must be provided in DICOM format.
- Save the DICOM images with a slice thickness of 0.3 mm or 0.4 mm.
- Only axial images are required.
- Recommended settings for a medical CT scanner are:
 - Matrix 512 x 512.
 - Slice thickness between 0.4 and 0.8 mm.
 - Variable slice thickness is not allowed.
 - Slice increment between 0.3 and 0.5 mm.
 - Gantry tilt 0°.

CT and cone beam scans

Only one 3D scan is required – a scan of the patient with a bite index in the mouth. Prepare the bite index to stabilize and separate the arches when scanning the patient. Scans showing movement cannot be used for designing a guide:

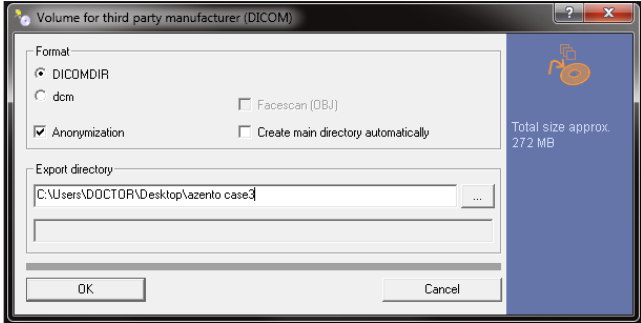
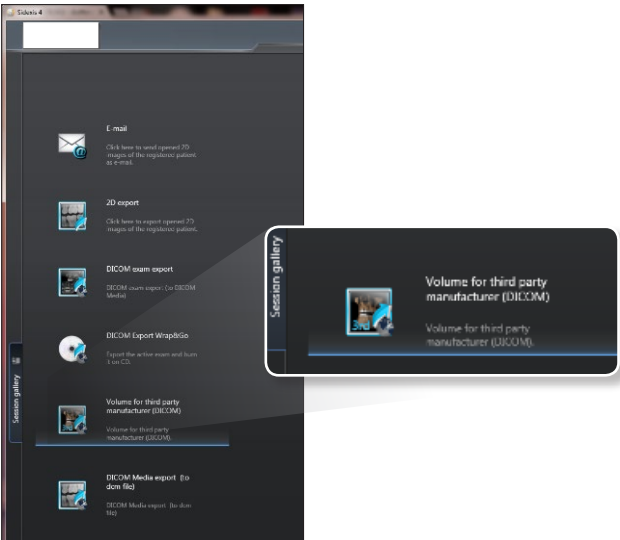
- Inject radiolucent material onto the patient's occlusal surface.
- Guide the patient to close their mouth to achieve the desired position.
- Remove the bite index and trim excess material with a sharp instrument.
- Use the bite index to separate the arches by approximately 3 mm.
- Scan the patient wearing the bite index.



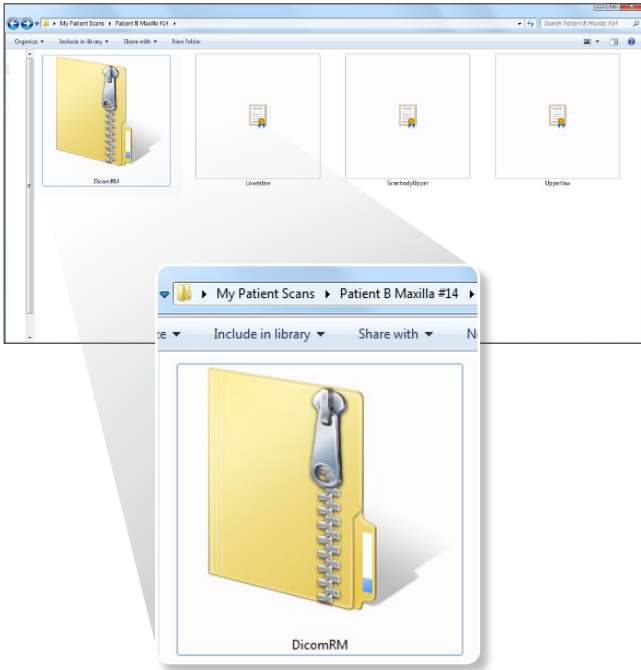
Exporting DICOM files from Sedexis

Follow the instructions below for detailed steps on how to export CBCT images from the Sidexis software in DICOM format. This protocol is intended to work with Sidexis XG v2.5 (or higher) or Sidexis 4 v4.1 (or higher).

- 1. Export as "Volume for third party manufacturer (DICOM)."



- 2. Highlight DicomRM folder that is created and send to compressed zipped folder.



Capturing the natural dentition with digital impressions

With the CEREC Omnicam intraoral scanner you can easily send in the digital impression with a direct connection for ordering of Azento solutions. With open intraoral scanners, manual upload is required.

Analog/conventional impressions are also supported with manual upload of the scan files.

This section gives a brief instruction of the scanning overview.

Note: The digital impressions must contain a minimum of 3/4th of the arch.

Digital impressions with CEREC® Omnicam

Dental practice requirements: Sirona Connect SW 4.5 or higher.

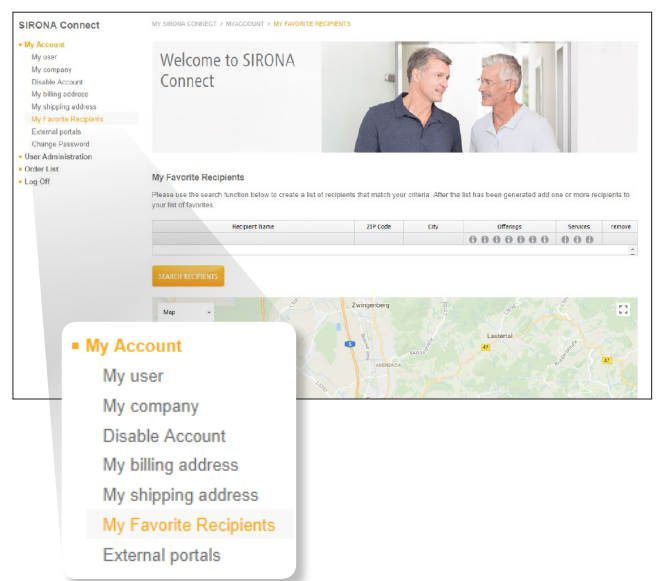
Note: CEREC SW shall NOT be used when scanning for Azento solutions. The workflow differs when using CEREC SW and is not integrated as described in this user guide.

Connection set-up

Prior to placing the first Azento order using CEREC Omnicam, an initial connection setup is required and you also need to have an Azento account. Simply log into your Sirona Connect account and follow these instructions below to initiate this connection.

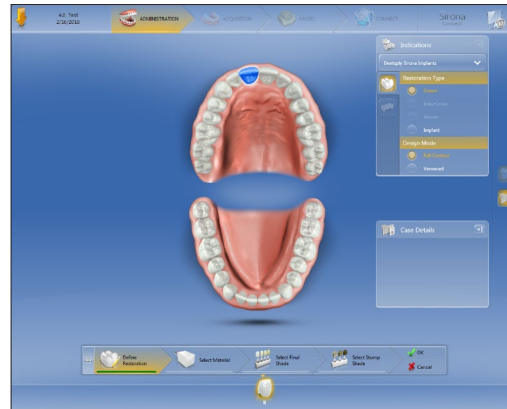
1. Under “My Account → External Portals,” click the orange Link button to link to Dentsply Sirona Implants.
2. Confirm your e-mail address in the auto reply e-mail.

3. Under “My Account --> My Favorite Recipients,” click “Search Recipients.”
4. Click “Start Search.”
5. In Recipient Name, type “Dentsply Sirona Implants.”
6. Click the orange plus sign to add “Dentsply Sirona Implants” as a favorite recipient



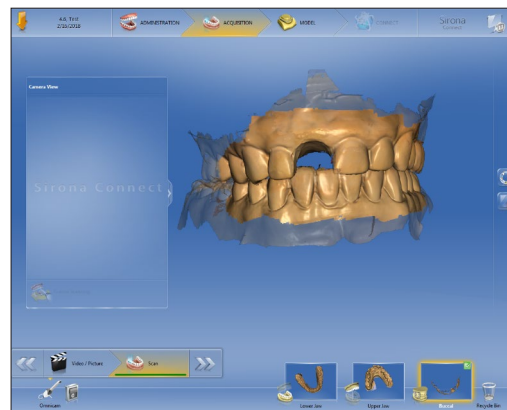
Step 1: Creating an order

1. Open Sirona Connect SW and add a patient with all required information.
2. Select "Dentsply Sirona Implants" under indications if not preselected.
3. Select "Crown" as the restoration type.
4. Select an option under "Design Mode."
5. Select tooth to be scanned.



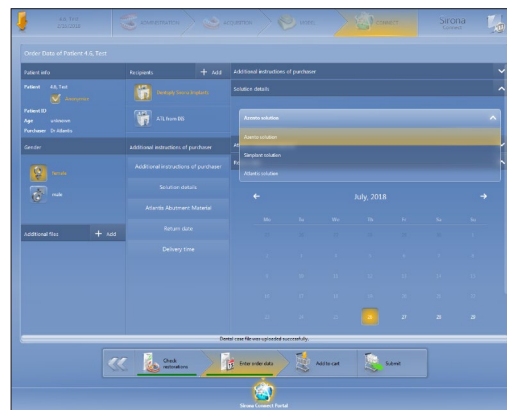
Step 2: Scanning an order

1. Follow the Sirona Connect prompts to scan the order and scan the arches for the respective image catalogs.
2. Scan the buccal bite with patient in normal occlusion.
3. Click forward arrow to proceed to the model phase and register the scans together.
4. Click "Connect" button to proceed.



Step 3: Sending an order

1. Complete the order data information and select Dentsply Sirona Implants as the laboratory.
2. Choose "Solution details" and select "Azento solution."
3. Click "Submit" to submit the order directly to Dentsply Sirona Implants.



Digital impressions – open scanners

1. Take the following full-arch digital impressions:
 - Treatment arch
 - Opposing arch
 - Buccal bite with patient in normal occlusion
2. Make sure the scans are aligned.
3. Export the scans to STL format and save on your computer.

Conventional impressions – open scanners

1. Take the following full-arch scans of the models:
 - Treatment arch
 - Opposing arch
 - Bite scan with both model arches
2. Make sure the scans are aligned.
3. Export the scans to STL format and save on your computer.

Placing orders and reviewing treatment proposals

Registering for an account

Simply visit www.orderdigitalsolutions.com and click the "Register" link located in the upper right-hand menu on the header. Then, complete the short registration form, confirm your e-mail address and log-in to your new account.

If you have an existing Atlantis WebOrder, Simplant or mySimplant account, there is no need to register for an Azento account.

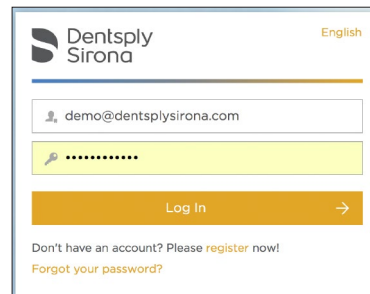
Placing an Azento order

Account registration

At the top right corner of the website header, you can register as a new account or log in as an existing account. To register a new account, fill-out the registration form and confirm your e-mail address. Once registered or logged-in you can place an order for the products in the applied region.

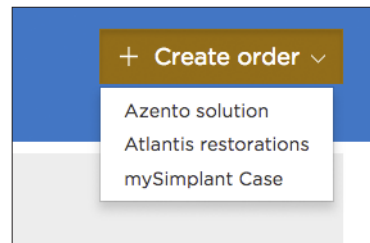
Sign-in to your account

1. Go to www.orderdigitalsolutions.com and in the top-right corner, click "Sign in."
2. Enter your account e-mail address. (Example: joe@company.com) and password.



Create an order

Once you're in the order account, you can place an Azento order from the landing page by clicking on the button "Order now." You can also order Azento from the **Orders** page by selecting "Azento" from the "Create order" dropdown menu in the top-right corner. If you use multiple accounts at the same time, switch to the account you prefer to be charged.

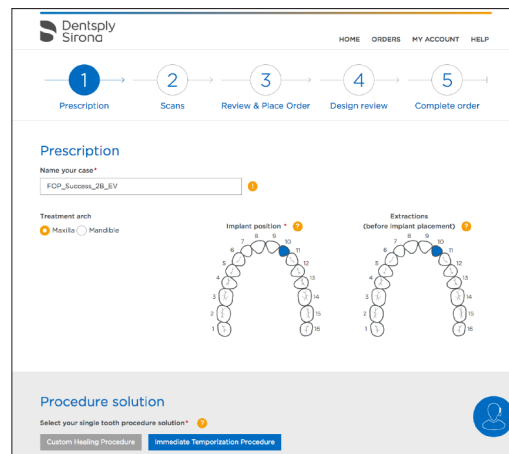


Entering an order

Fill out the order details for your case by going through the subsequent order pages in 5 steps:

Step 1: Prescription form

- Name the case.
- Select treatment arch.
- Indicate the implant position, implant site and tooth extractions.
- Select the solution type.



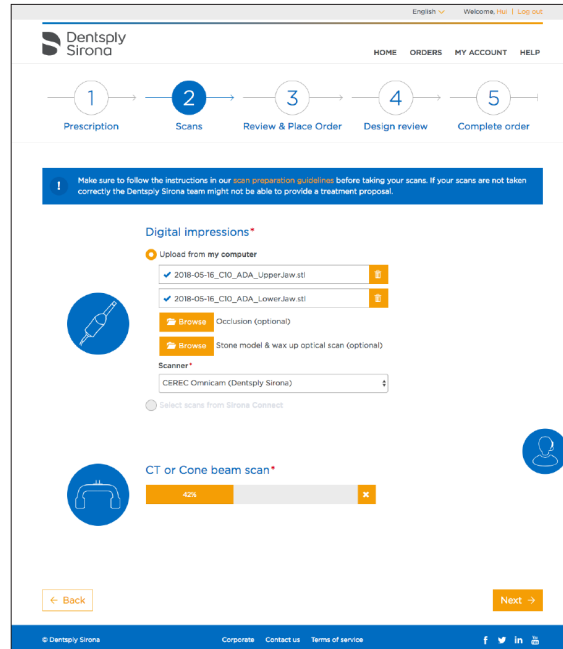
Step 2: Provide scans

For the digital impressions initiated from the CEREC Omnicam intraoral scanner, click "This item is already uploaded by Sirona Connect." Then choose the digital files from the case data list.

To open intraoral scanners, select, "I will upload this item from my computer," and upload each individual STL file (of the digital impressions) to the respective section.

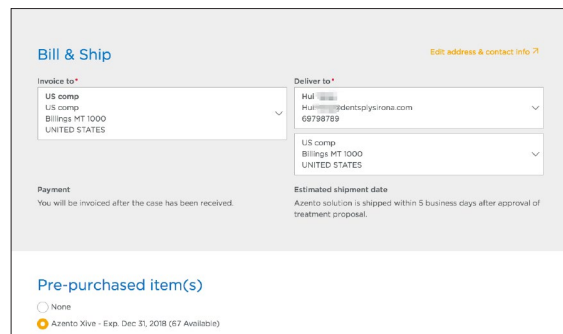
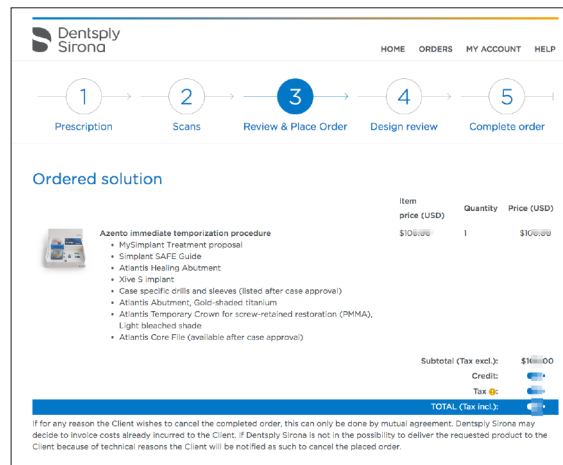
Finally, upload the CT or cone beam scan to the order. CT or cone beam scan files are made up of several individual image slices. Be sure to select all of the individual image slices before clicking "upload."

Note: the CT or cone beam scans must be in DICOM file format.



Step 3: Review and place the order

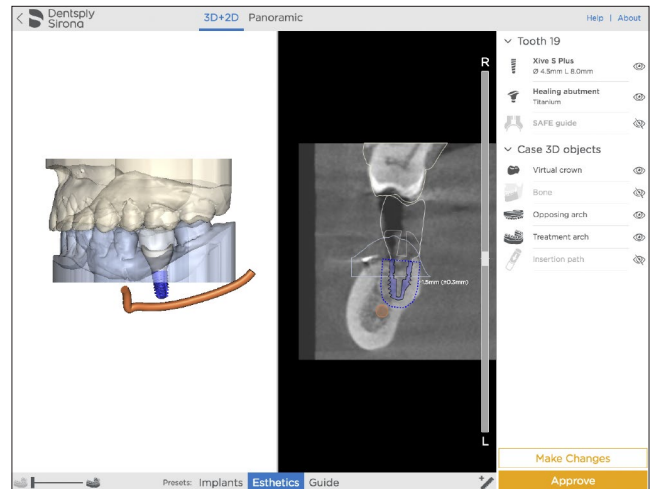
Ensure the correct items were selected for the case, and also choose the billing and shipping address where the procedure solution will be shipped. If everything is correct, submit the order to request the surgical and restorative treatment proposal. You can review the items in the selected procedure solution. Confirm your billing and shipping address. If you have any pre-paid cases, select them here.



Step 4: Design review

- Once you received the design proposal you will receive an e-mail notification.
- You can review and approve the surgical plan and view and approve restorative design in the Case viewer.

Note: Please refer to the Case viewer and Case editor quick reference sections.

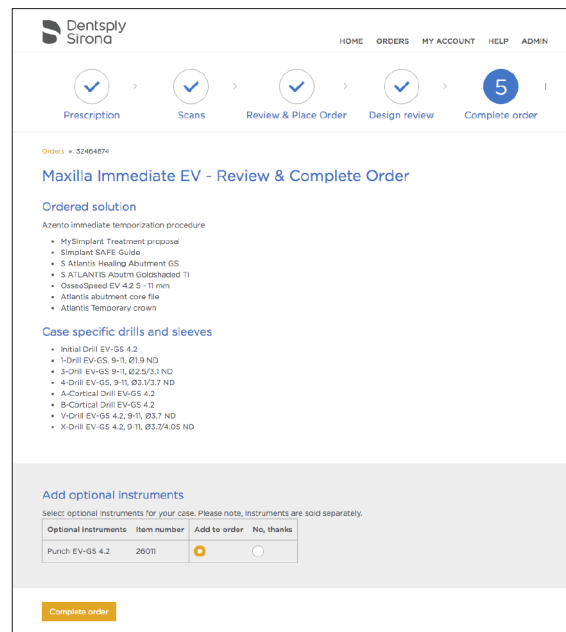


Step 5: Review & Complete Order

The “Complete Order” step requires that you review the case components before finalizing the order.

- Review the components that will be manufactured and shipped for your chosen procedure solution.
- Lastly, you can add the optional tissue punch to your order.

Note: Additional required drills and optional tissue punch are sold separately.

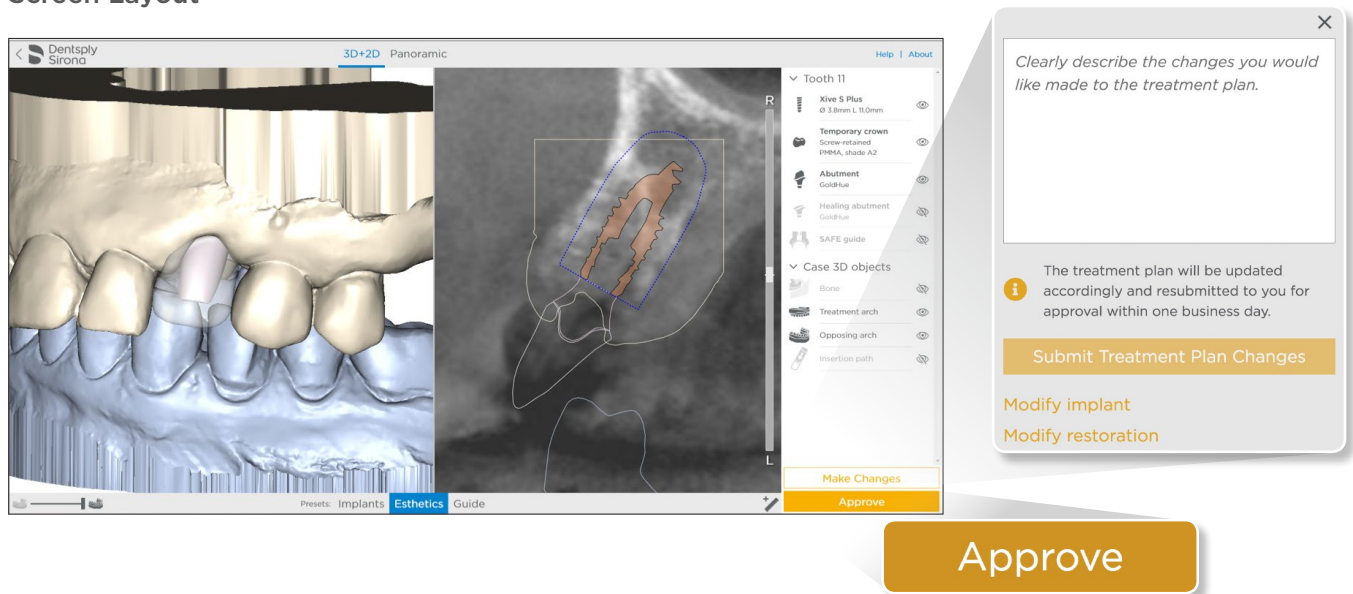


Case viewer quick reference guide

The Case viewer is a browser application used to review the single tooth implant and view restoration treatment proposal. It is compatible with PC, Apple and mobile devices.

The Case viewer is unable to make changes to the treatment plan. However you can submit a change request using a user-friendly message box. The restorative design will be updated accordingly and the plan will be resubmitted to you for approval within one business day.

Screen Layout



The main features and functions of the Case viewer.

- Main screen: Displays 3D and 2D images of implant and the restorative treatment proposal.
- Viewing Modes: Switches between 2D X-ray, 3D objects and panoramic views.
- Notification Area: important treatment remarks will appear here.
- Case component and anatomy list: Contains all case objects with "show and hide" feature.
- Viewer Tools: Adjust transparency of individual 3D objects and take measurements on 2D images.
- Approval tools: Approve the treatment proposal or request a change.

Reviewing the images:

To rotate 3D images:

- PC or Apple: right click mouse button and hold.
- Laptop: click trackpad and hold and rotate.

To zoom in and out:

- PC or Apple: right click mouse button and hold, move mouse up and down.
- Laptop: two-finger movement up and down on trackpad or double tap trackpad.

Change request and approving the treatment proposal:

To make changes to the treatment proposal:

- Click the "Request Change" button on the lower right hand corner. The "Request Change" menu will appear in the center of the viewer.
- Type-in your change request into the comment box and confirm your changes by clicking "OK." Our Case Design Specialist will make the changes to the treatment plan within one business day.
- You will be notified via e-mail when the new plan is ready for review and approval.
- Approve the treatment proposal by clicking "OK" button.
- Upon clicking "Approve," you will be asked to confirm the approval. Next, your case goes straight to production. At this time, you will be unable to cancel the case.

Case Editor quick reference guide

Case editor software is a desktop application used to make changes to the single tooth implant position in your treatment proposal. Once the implant changes have been made and submitted, the restorative design will be updated accordingly and the plan will be resubmitted to you for approval within one business day.

Case editor is compatible with PC and Mac desktop computers.

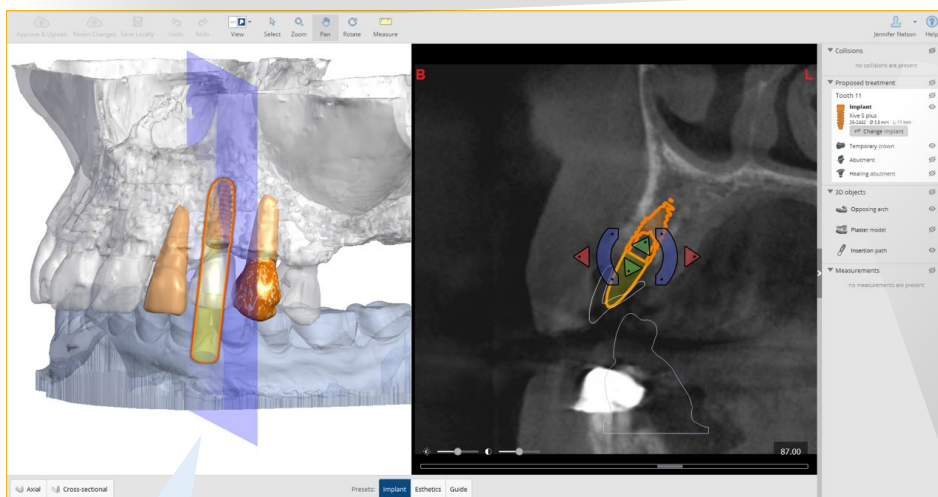
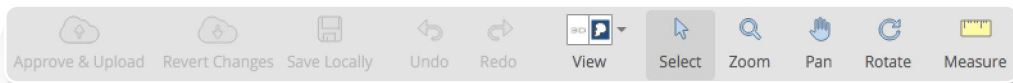
To access the Case editor:

- Select “Request Change” then “Edit implant” from the Case viewer. The Case editor software will be launched automatically.
- If you’re launching the application for the first time, you will be asked to install the software.
- When opening the editor software, you will need to log in with your account and password.

Screen layout

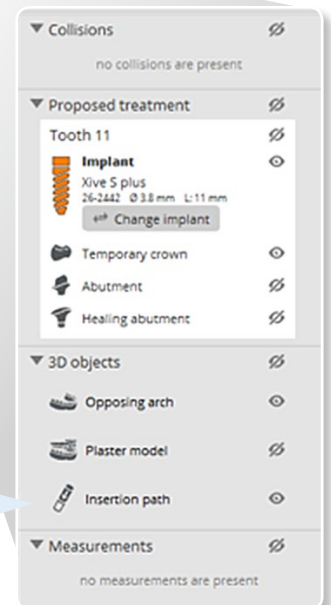
Menu Bar:

- Approve & Upload: Submit changes made to the implant position.
- Revert changes: Undo all changes made to the implant plan and restart from original proposal.
- Save locally: Save the treatment proposal offline to your computer.
- Undo & Redo: Undo or Redo your last action in the software.
- View: Change main screen layout (axial images, panoramic images).
- Selection tool: Enables quick selection of implant for editing.
- Zoom: Tool for zooming in and out of images (2D and 3D).
- Pan tool: To move the images left, right, up or down in the screen.
- Rotate tool: To rotate the 3D image.
- Measurement tool to create a measurement (2D and 3D images).



Viewing Options:
3D image pre-set views;
allowing you to view
3D images related
to implants, esthetic
aspects or surgical guide

- Collision overview: When implants are too close to other implants or a nerve, the warnings will appear here.
- Proposed treatment: show or hide individual implant hardware components (surgical guide, implant, healing abutment, abutment).
- 3D image toggle box: Show or hide individual 3D objects.
- Measurements overview: Created measurements will appear here.





Azento treatment guidelines

Each Azento single tooth replacement solution box includes a treatment guideline listing the products you need, and the steps to follow for the combined surgical and restorative procedure.

The Azento treatment guideline is a step-by-step resource intuitively guiding you through the procedure with case-specific drilling, detailed implant installation instructions and straightforward restorative treatment options.

Azento™ Single tooth replacement
Xive® Implant System

ORDER DETAILS	IMMEDIATE TEMPORIZATION PROCEDURE
Order ID: 0	Treatment jaw: Mandible
Special Check: 1 (S-04-04-15-06)	Cement-retained
Guides support: From	

IMPLANT INFORMATION	
TISN Position:	1
Implant Ref No:	26-2442
Implant size:	3.8
Implant length (mm):	11

DRILLING INFORMATION**	
Xive Rotary tissue punch GS (for flapless procedure)	3.8
Xive Initial Drill GS	3.8
Xive Twist Drill GS D2.0	11 ND
Xive Twist Drill GS D3.0	11 ND
Xive Twist Drill GS D3.4	11 ND
Xive Twist Drill GS D3.8	11 ND
Note: Use the Xive Twist Drill crestal and the Xive Tap according to the bone quality.	
Xive Twist Drill GS crestal	3.8
Xive Tap GS	3.8


** Keep in mind that the drill tip will go deeper than the apical point of the planned implant. Please check the documentation for the surgical instruments.

ATLANTIS ABUTMENT WITH ATLANTIS TEMPORARY CROWN***	
Place and connect the abutment to the implant.	
Tighten the abutment screw with light finger force.	Xive Hex Screwdriver
Tighten the abutment screw.	
If torque value cannot be achieved use the Atlantis Healing Abutment or implant cover screw instead.	15 Ncm
Perform a try-in of the Atlantis Temporary Crown. Adjust occlusion and contact points if necessary.	
Seal/cover the screw access hole with a suitable (removable) plug.	
Cement the Atlantis Temporary Crown.	

ATLANTIS HEALING ABUTMENT***	
Note the lingual dimple for correct indexing of the Atlantis Healing Abutment. If the mark is missing due to the screw access hole placement, let the screw hole guide.	
Place and connect the abutment to the implant.	
Tighten the abutment screw with light finger force.	Xive Hex Screwdriver, 5-10 Ncm
Seal/cover the screw access hole with a suitable (removable) plug.	

*** Clean and sterilize the abutment and abutment screw before connecting them to the implants (see instructions for use). Always use the abutment screw delivered with the abutment. Please note that the recommended torque value for final abutments is 24 Ncm.

www.orderdigitalsolutions.com

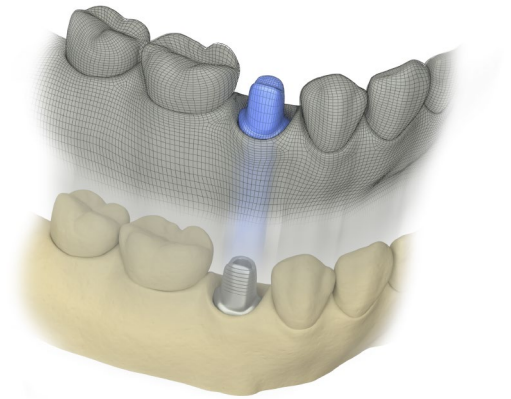


Final restoration solutions

Reuse of Atlantis Abutment

If an Atlantis Abutment with a temporary crown was used during the healing period, and you feel the outcome achieved with the temporary abutment is sufficient for a final restoration, you can choose to keep this abutment in place. Use the Atlantis Core File delivered with the initial abutment to create the final crown. This core file can be used with chairside or laboratory CAD/CAM workflows.

Please note that the Atlantis Core File delivered with the temporary abutment is based on the implant position from the surgical plan, which may not represent the final outcome of the surgery. As a result, the fit between the crown and the neighboring or opposing dentition may not be as exact as planned.



The Atlantis Core File is a digital representation of the outer surface of the Atlantis abutment including your provided surface scans.

Post-surgical implant level impression

For an optimal aesthetic outcome, we recommend placing a final restoration order for a new patient-specific abutment and crown, based on a post-surgical implant-level impression. The impression can be done at the time of the implant installation or after the healing period.

When the impression is taken after the healing period, the healed soft tissue contours will be used in the design of the final Atlantis Abutment and Atlantis Crown.

If the implant level impression is taken at the time of implant installation, an additional surface scan is recommended after healing for enabling favorable patient-specific design of the final restoration.

Atlantis solutions

Single tooth screw-retained restoration

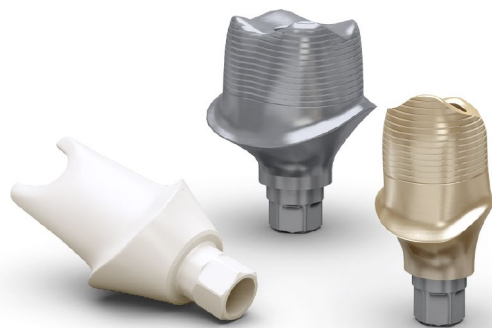
Choose between titanium and gold-shaded titanium for the abutment part and 12 different shades of zirconia for the crown. With Atlantis there is also a possibility to angulate the screw-access to avoid emerging in the esthetical zone.

Single tooth cement-retained restoration

Choose between titanium, gold-shaded titanium and 4 shades of zirconia for the abutment part, and 12 different shades of zirconia for the crown.

The design of the initial crown and abutment will be transferred over to your final restoration order.

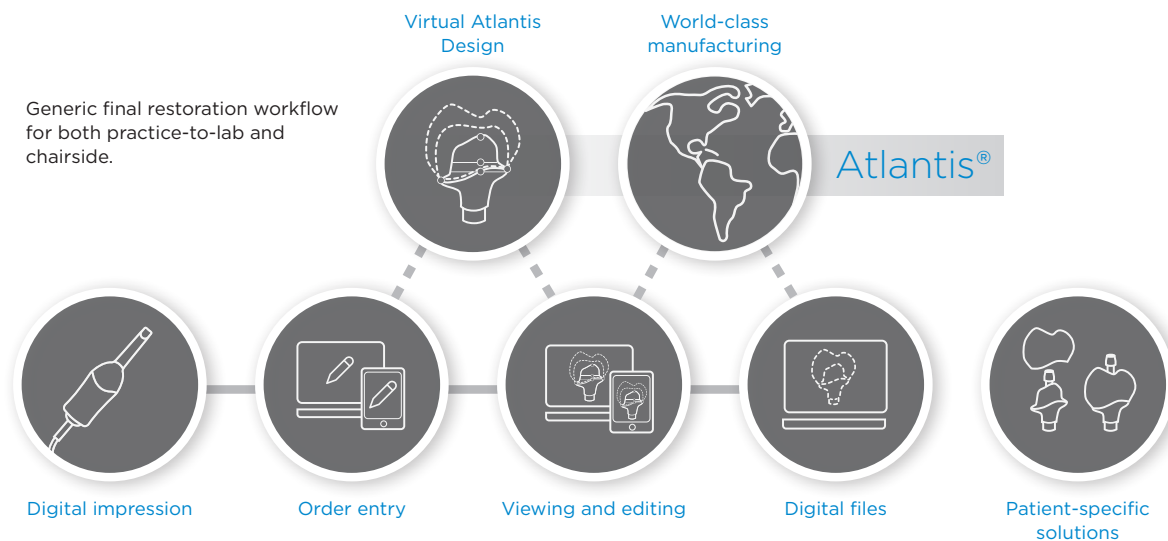
Please consult your Dentsply Sirona Representative for more information about the Atlantis products and services and how to order them.



Practice-to-laboratory

With the practice-to-laboratory workflow, collaborating with your trusted Atlantis dental laboratory partner for the final restoration order is effortless. You can send the impression to the dental laboratory, either as a digital file from an intraoral scanning, or as a conventional impression.

Depending on preferred workflow and scanning software compatibility, the final restoration order can be initiated and submitted in Atlantis WebOrder by the clinician or by the dental laboratory. The design is done by Dentsply Sirona and sent for review. After approval the Atlantis products are manufactured and sent to the dental laboratory for finalization.



Azento is a streamlined custom implant solution, enabling consistently excellent results for your patients and practice. Via an intuitive web portal and a streamlined workflow, dental practices that use Azento can offer an optimized patient experience while enjoying more working efficiency.

About Dentsply Sirona Implants

Dentsply Sirona Implants offers comprehensive solutions for all phases of implant therapy, including Ankylos®, Astra Tech Implant System® and Xive® implant lines, digital technologies, such as Atlantis® patient-specific solutions and Simplant® guided surgery, Symbios® regenerative solutions, and professional and business development programs, such as STEPPS™. Dentsply Sirona Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

About Dentsply Sirona

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with a 130-year history of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dentistry. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.