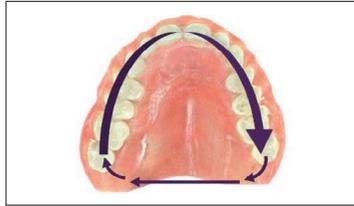


Denture scanning guide

Tips for success

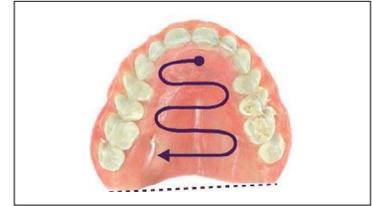
- Remove moisture and excess PVS material from denture
- Keep the wand tip flat and maintain contact with the denture when scanning
- Hold the denture still and in a stable position while scanning
- Move slow and steady in a continuous pattern, allowing the scanner to capture the images to build the 3D scan *
- Keep disposable sleeve lens clean and clear of moisture and debris

Step 1: Scan occlusal



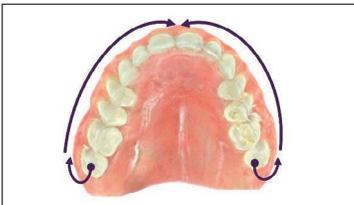
- Position wand flat on either terminal molar
- Scan occlusal surface around the arch to opposite side
- Capture contour of posterior seal

Step 2: Scan palate



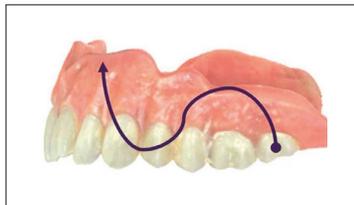
- Position the wand flat on the incisal surface of central incisors
- Move the wand in a wavelike motion to scan the palate
- Follow the contour of the denture palate to posterior seal

Step 3: Scan buccal quadrants



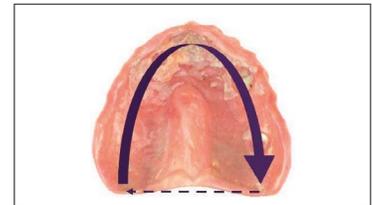
- Position wand flat on either terminal molar
- Slowly roll to buccal surface, keeping a horizontal position
- Stop once you've reached the midline
- Repeat on opposite side

Step 4: Scan bilateral buccal flanges



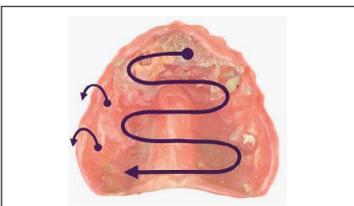
- Move the wand in a wavelike motion to capture teeth and the contour of the buccal flange
- Repeat on the opposite side
- Press either side button on wand to pause the scan

Step 5: Scan intaglio



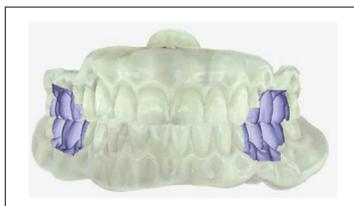
- Position wand on posterior ridge and press either side button to begin
- Scan intaglio around the arch, including the posterior seal
- Angle the wand closer to the denture to capture hard-to-reach surfaces, such as undercuts

Step 6: Scan alveolar fossae



- Position wand on the labial frenum and anterior intaglio
- Move the wand in a wavelike motion across the intaglio to the posterior seal
- Wand tip should maintain contact with contours of the denture surface
- Press either side button on wand to pause the scan and tap blue forward arrow to move into bite segment

Step 7: Scan bilateral bite



- Seat denture in the patient's mouth
- Sit patient up at a 45° angle
- Place wand between cheek and denture and have patient close
- Once the occlusal plane is centered, turn the wand on
- Move wand straight up and straight down
- Turn off wand when the bite comes together
- Repeat on opposite side

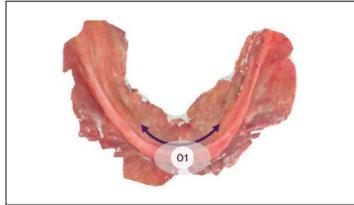
*Scan order is subject to change based on iTero scanning protocols and lab guidance. Quality of scan will vary based on clinician scanning experience and clinical conditions.

Edentulous scanning guide

Tips for success

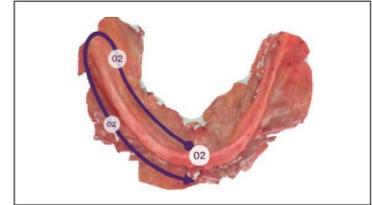
- Remove excess saliva from tissue
- Two clinicians and cheek retractors may aid in easier scanning
- Move slow and steady in a continuous pattern to allow the scanner to capture the images to build the 3D scan*
- Keep disposable sleeve lens clean and clear
- Dentist establish vertical dimension with lab guidance

Step 1: Scan anterior lingual ridge



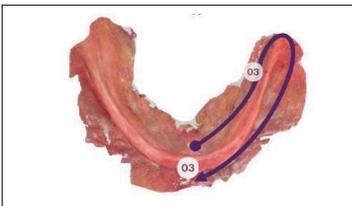
- Position wand flat on the ridge at midline and press either side button to begin
- Slowly roll into lingual to capture frenum and anterior lingual ridge

Step 2: Scan lingual and buccal surfaces of one quadrant



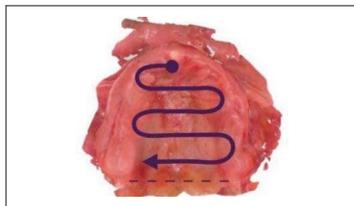
- Complete scan of the lingual surface while retracting the tongue
- Capture the retromolar pad
- Slowly roll to buccal surface, keeping a horizontal position
- Stop once you've reached the midline

Step 3: Scan lingual and buccal surfaces of opposite quadrant



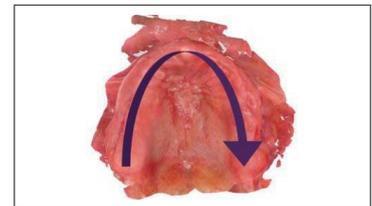
- Complete the scan of the lingual surface while retracting the tongue
- Capture the retromolar pad
- Slowly roll to the buccal surface, keeping a horizontal position
- Stop once you've reached the midline

Step 4: Scan the palate



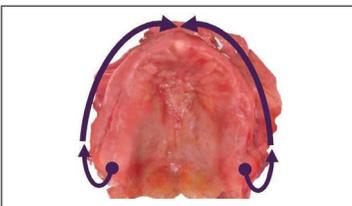
- Position wand flat on incisive papilla and press either side button to begin
- Move slowly in a wavelike motion over palatal surface back to vibrating line
- Capture the distals of both hamular notches

Step 5: Scan alveolar ridge



- Roll onto ridge and scan to the contra-lateral maxillary tuberosity
- Stay close to the tissue when scanning to capture the entire alveolar ridge
- Move slow and steady to allow the image to build

Step 6: Scan bilateral buccal & vestibule



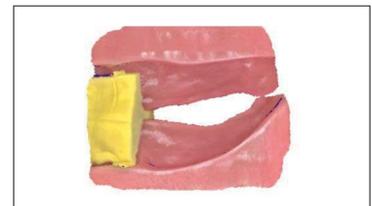
- Position wand flat on either maxillary tuberosity
- Slowly roll to buccal surface, keeping wand at angled position to capture vestibule as well
- Stop once you've reached the midline
- Repeat on opposite side and then turn wand off by pressing either side button

Step 7: Capture the vertical



- Use a high-viscosity dental putty to create initial vertical dimension
- Place putty in mouth, and instruct the patient to slowly close to the desired position
- Mark the midline, lipline, and frenal attachments to reference when scanning the bite

Step 8: Capture bilateral bite



- Section putty into three, lining up landmarks
- Tap blue forward arrow to move into bite segment
- Sit patient up at 45 degree angle
- Leave contralateral putty in place when scanning the bite
- Scan right side until model comes together and turn wand off
- Repeat on opposite side

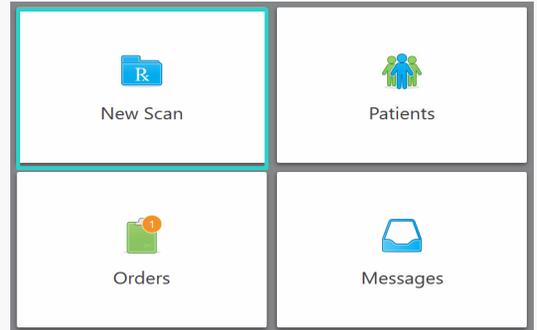
*Scan order is subject to change based on iTero scanning protocols and lab guidance. Quality of scan will vary based on clinician scanning experience and clinical conditions.

Implant workflow with iTero Lumina™ scanner

These steps can be completed for an implant workflow.

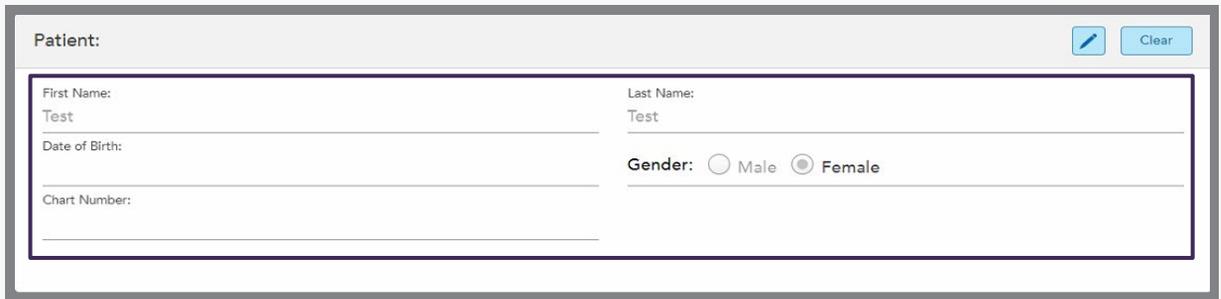
01 Select New Scan

Tap **New Scan** to start.

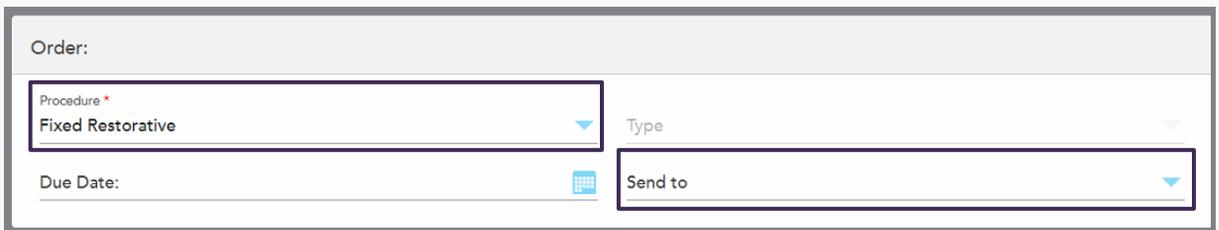


02 Complete the Rx

1 Fill in the patient's name, date of birth, and chart number.



2 In the procedure field drop-down, select **Fixed Restorative**. Then, select the partner lab or MyiTero.com account for fabrication. The due date is optional, however specify if you are sending it directly to the lab.



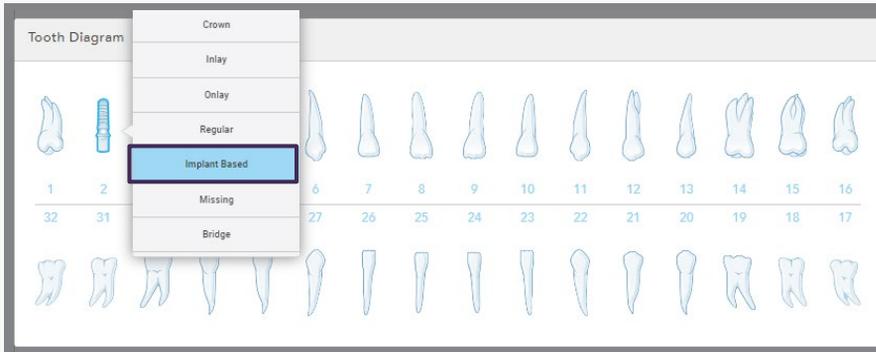
3 Toggle the Pre-Treatment scan if needed. The Pre-Treatment scan can be used as an emergence profile capture.



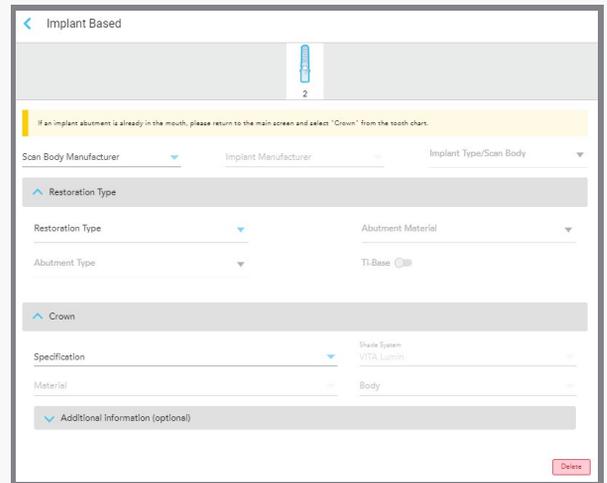
Implant workflow with iTero Lumina™ scanner

02 Complete the Rx - cont.

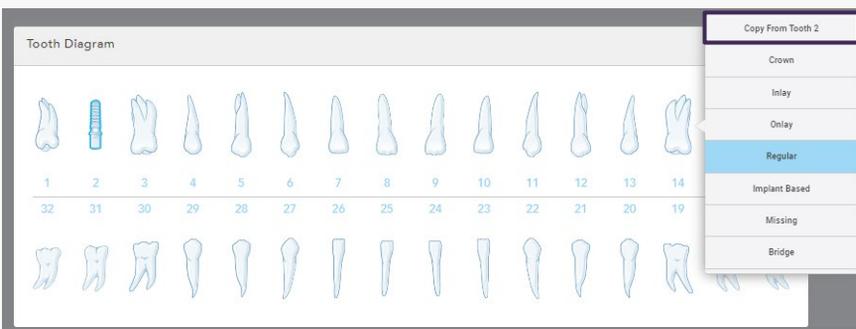
- 4 Tap the relevant tooth on the tooth diagram and select **Implant Based** on the drop-down menu.



- 5 Select all the relevant information about the crown, including scan body manufacturer, restoration type, specification and additional information, if needed.



- 6 When scanning for multiple implants, you can select **Copy From Tooth XX** (select tooth number) to copy the information over to another tooth



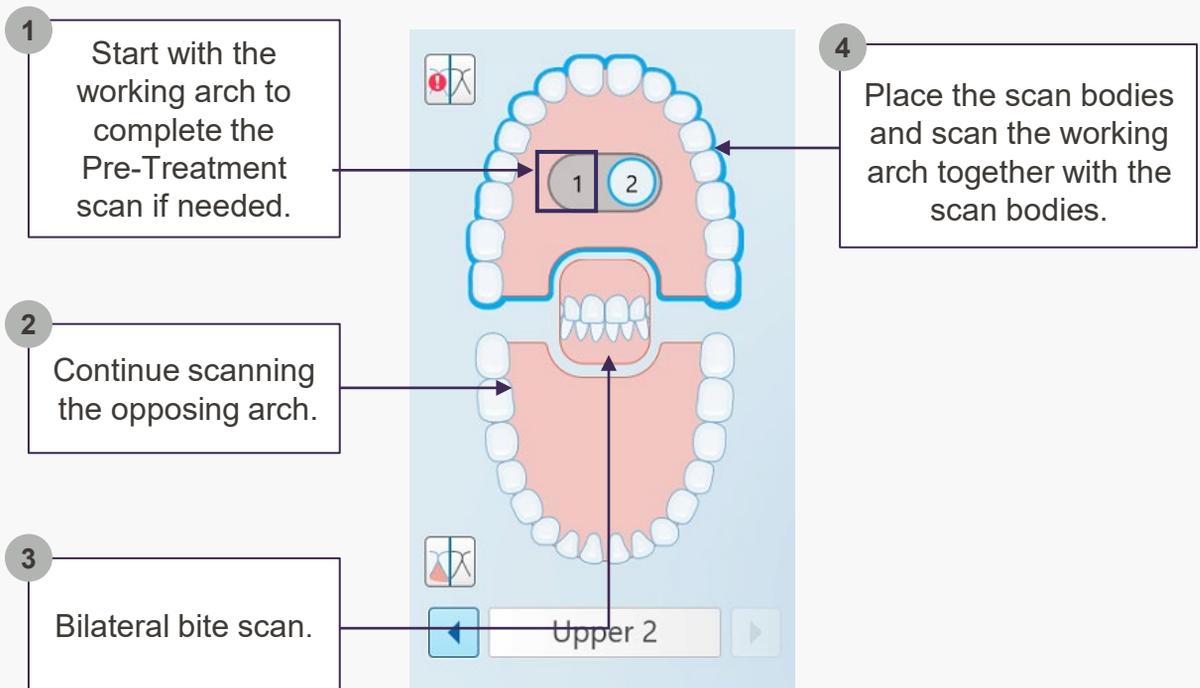
- 7 Upload the attachments from MyiTero.com, if needed and add any additional notes relevant to your lab.

Implant workflow with iTero Lumina™ scanner

03 Scan mode

Tap the wand icon  in the upper part of the screen to move to the scan mode.

Scan the patient following the steps below. Tap each segment/jaw in the right part of the screen to move between the stages.



Note:

- If the case of adjacent scan bodies or multiple implant with the same scan body, use the prep editing tool to rescan the areas of interest.
- if any additional scans are needed to complete the implant case, use the Duplicate scan feature.

Implant workflow with iTero Lumina™ scanner

Before moving to the view mode



The trim tool can be used to remove excess soft tissue around the model.



Make sure you reviewed the model in colour and monochrome mode to ensure that all the relevant surfaces were captured.



Use the prep editor to adjust the prep only if needed by following these steps:

1 Tap the prep editor icon  located above the viewfinder.

2 Tap Select  and circle the area to be rescanned.

3 Rescan the area and make sure all the surfaces and the margin line have been scanned correctly. For multi preps, you can rescan prep by prep or select several preps and scan them simultaneously.

04 View mode

Tap the view icon  in the upper part of the screen to move to the view mode.



Check the occlusal relationship with iTero™ Occlusogram to make sure the patient bites down all the way.

05 Send mode



Send the completed scan.

An active Lumina comprehensive service plan is required to access the restorative workflow on both the iTero Lumina and the iTero Lumina Pro scanner models. Ongoing fees apply.

