

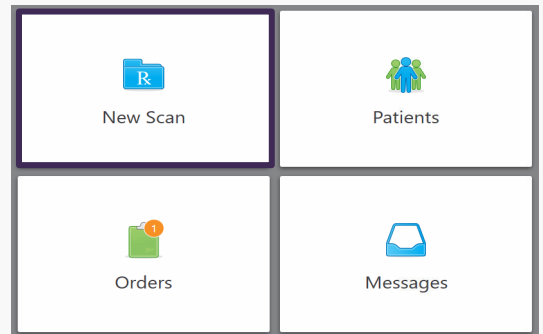
# Denture workflow with iTero Lumina™ scanner

The iTero Lumina scanner has a wider field of capture<sup>1</sup> and multi-angled scanning that enables simultaneous capture from multiple angles, making it possible to capture more dentition in a single uninterrupted movement, and deliver smoother, faster<sup>2</sup>, and more accurate<sup>3</sup> scans.

These steps can be completed for a denture workflow.  
This patient has an existing upper denture.

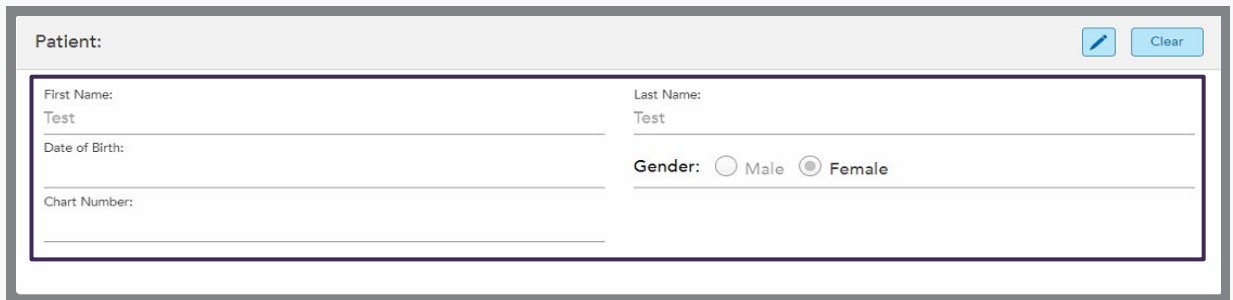
## 01 Select New Scan

Tap **New Scan** to start.



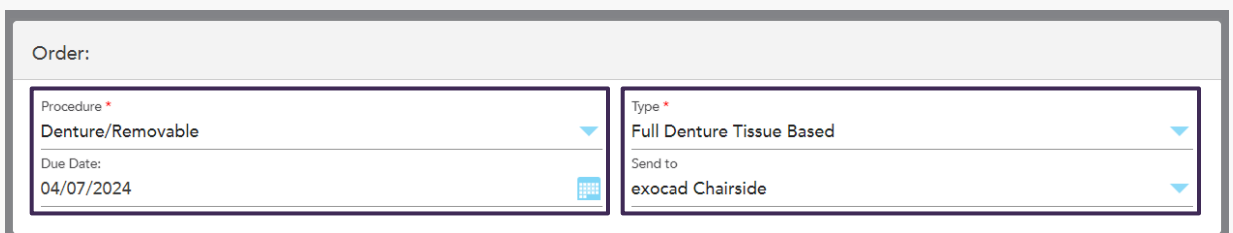
## 02 Complete the Rx

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

A screenshot of the 'Patient' information form. The form is titled 'Patient:' and has a 'Clear' button in the top right corner. It contains several input fields: 'First Name:' with the text 'Test', 'Last Name:' with the text 'Test', 'Date of Birth:', and 'Chart Number:'. There is also a 'Gender:' section with radio buttons for 'Male' and 'Female', where 'Female' is selected.

2 In the procedure field drop-down, select **Denture/removable**.

Then, select the type of denture, partnered lab or MyiTero.com account for fabrication. The due date is optional, however specify if you are sending it directly to the lab.

A screenshot of the 'Order' form. It contains a 'Procedure' dropdown menu set to 'Denture/Removable', a 'Due Date' field set to '04/07/2024', a 'Type' dropdown menu set to 'Full Denture Tissue Based', and a 'Send to' dropdown menu set to 'exocad Chairside'.

1. Compared to the field of view of the iTero Element™ 5D Imaging system, when the iTero Lumina™ intraoral scanner's scanning distance is 12 mm.\* 2. Compared to iTero Element™ 5D wand with tolerance AVE=±0.1 operating at a working distance from 0-20 mm.\* 3. The iTero Lumina™ intraoral scanner has scientifically proven greater accuracy\* for your clinical orthodontic needs

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## 02 Complete the Rx - cont.

- 3 Fill in the denture details: treatment stage, mould, shade system, teeth shade, gingival color. Also toggle upper or lower denture depending on the need.

Denture Details:

Stage	Finish Final	Shade System	VITA Lumin
Mould:	Square	Teeth Shade	A2
Upper Denture	<input checked="" type="checkbox"/>	Gingival	Light Reddish Pink
Lower Denture	<input type="checkbox"/>		

- 4 Toggle denture copy scan, if relevant.


Scan Options:

NIRI Capture: <input type="checkbox"/>	Denture Copy Scan: <input checked="" type="checkbox"/>
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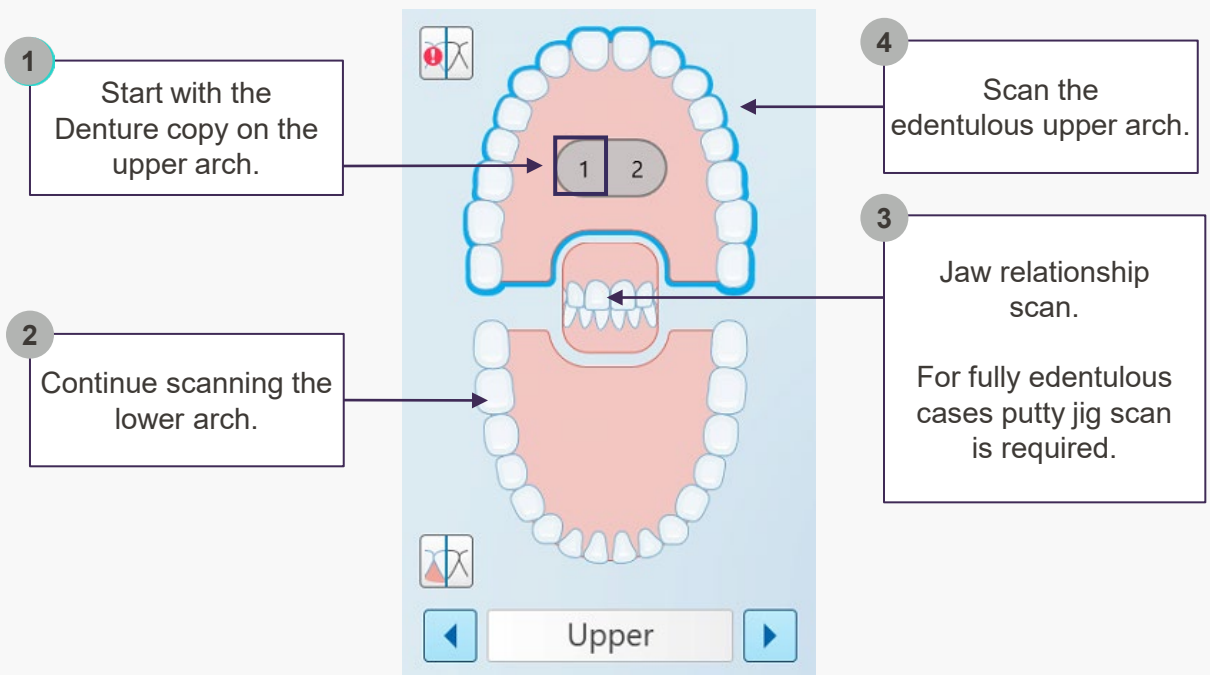
- 5 Upload the attachments from MyiTero.com, if needed. And add any additional notes relevant to your lab.

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## 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.



**Make sure to maintain the moisture control before and during the scan.**

To scan appliances outside the mouth, select the 'Enable Appliance Scan' option. This feature can be used to scan a dentures, facebows, jigs, or even impression materials.

\* Watch scanning with iTero Lumina™ scanner video to learn more about scanning the arches and the bite.

# Denture workflow with iTero Lumina™ scanner

## Before moving to the view mode:



Use the Delete segment tool to delete the whole arch or bite segment to rescan.





Trim tool can also be used for the same purposes.




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



Use the prep editor to adjust a prep or remove specific areas and rescan, use the following steps to rescan:

- 1 Tap the prep editor icon  above the viewfinder.
- 2 Tap Select  and circle the area to be removed and rescanned.
- 3 Make sure all the surfaces are clean, dry and rescan the area. If rescanning a prep tooth, make sure the margin line is exposed and full captured.

## 04 View mode

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

Review the model and make sure all the relevant anatomy has been captured.

## 05 Send mode



Send the completed scan to the lab.

# Denture workflow with iTero Lumina™ scanner

## Denture copy scan tips:

- Clean the denture.
- Begin scanning on the occlusal surface.
- Capture the posterior palatal seal.
- Position the wand on the incisal lingual surface, scan the palate in a wave motion, cover the occlusal and buccal surfaces.
- Keep scanning on the intaglio.
- Seat the dentures in the patient's mouth, scan the bite and check all anatomical parts are captured.

## Edentulous scan tips:

### Lower jaw:

- Positioning the wand on the midline and capturing key features like the lingual frenum.
- Clear the jaw of fluids or debris and keep the lens clean.
- Scan the buccal quadrant, starting from the midline and covering all surfaces to the distal buccal ridge.

### Upper jaw:

- Clear the jaw of fluids or debris and keep the lens clean.
- Start with the incisive papilla, scan the palate and alveolar ridge in a steady motion.
- Establish the jaw relationship using a putty matrix to mark key landmarks.

### Jaw relationship:

- Ensure all the soft tissue parts are captured.