

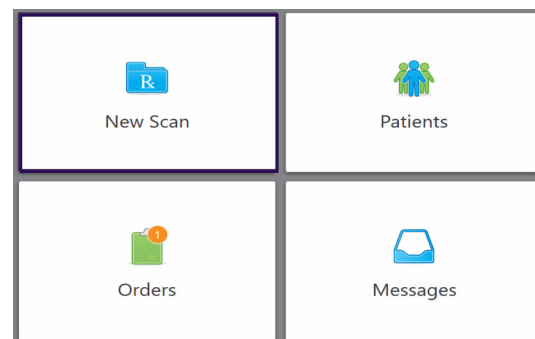
# Single crown workflow with iTero Lumina™ scanner

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.

The following steps can be completed for a single crown procedure or multi-unit crowns, with the option to copy the details from crown to crown.

## 01 Select New Scan

Tap **New Scan** to start.



## 02 Complete the Rx

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

Patient: ✎ Clear

First Name: Test	Last Name: Test
Date of Birth: _____	Gender: <input type="radio"/> Male <input checked="" type="radio"/> Female
Chart Number: _____	

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

Order:

Procedure * Fixed Restorative	Type
Due Date: _____	Send to _____

## 02 Complete the Rx

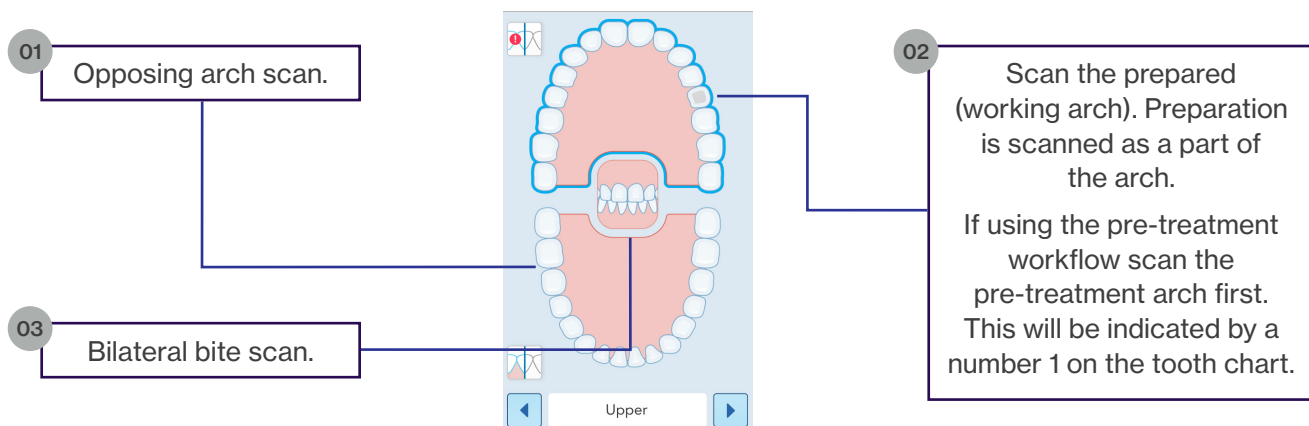
03 Toggle the Pre-Treatment scan, if relevant.



## 03 Scan mode

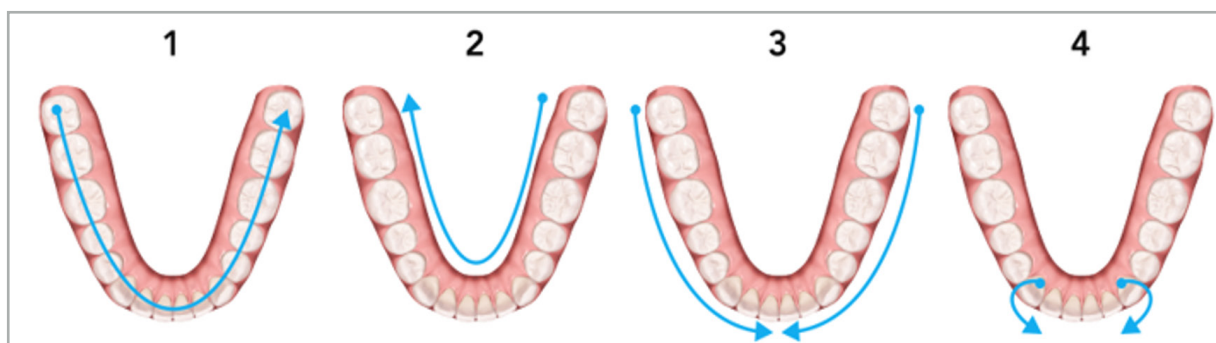
**Before scanning , ensure the teeth are dry and margin is exposed prior to scanning.** If the system identifies the presences of excessive saliva, a notification will appear.

If the scanning is performed without the pre-treatment scan, follow the steps below:



For each of the arch scan occlusal, lingual and buccal.

Scan from posterior to anterior to minimize noise and roughness as follows:



## Top tips to help you achieve the best clinical outcome

### Optimizing scan capture:

- Use the wand tip or retraction device to stabilize the tissue while scanning.
- As a reminder, effective tissue and fluid management is essential for clear margins
- Review the model for any dark blue voids and fill them.

### Scanning the prep as part of the arch:



- While scanning the arch, add a rocking and circular motion when you reach the prep to help capture the whole margin.
- Make sure you captured the adjacent contacts of the prep.
- Scan close to the prep, touching adjacent teeth for optimal margin capture.




### Using the prep editor tool:

This tool allows you to review and, if necessary, rescan specific areas of a tooth preparation - particularly in cases where mechanical obstructions, such as tissue collapse, prevent clear visibility of the margin line.

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

- 01 Tap the prep editor icon  above the viewfinder.
- 02 Tap Select  and circle the area to be rescanned.
- 03 Prepare the area by drying or managing tissue to clear any obstructions.
- 04 Rescan the preps, contacts and adjacent teeth to make sure you have captured enough data for the changes to be reflected in the arch.

## 04 View mode

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

Use the review tool to examine the correlated 2D image, which offers enhanced detail of the captured anatomy, and confirm that the preparation area was properly isolated and dry.



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



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

## 05 Send mode

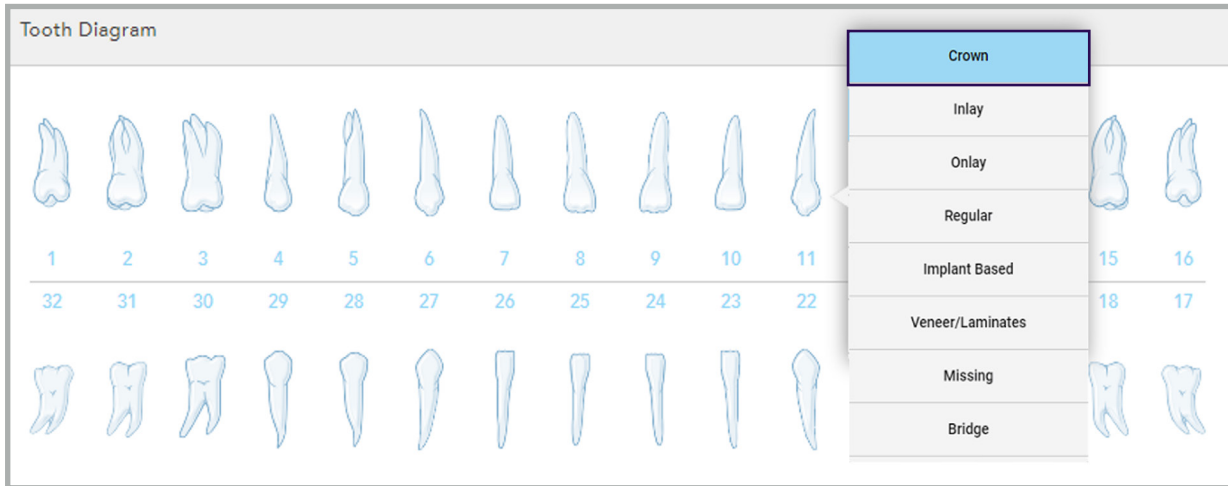


Send the completed scan to the lab.

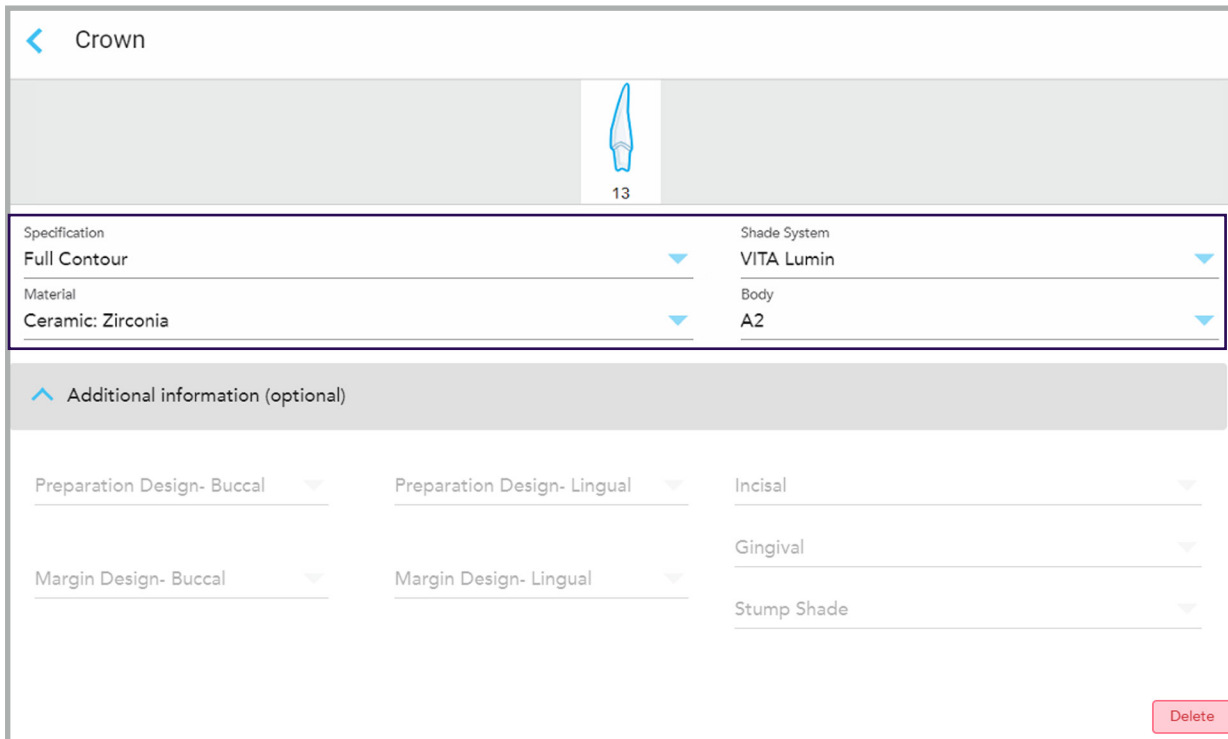


## 01 Completing additional Rx fields

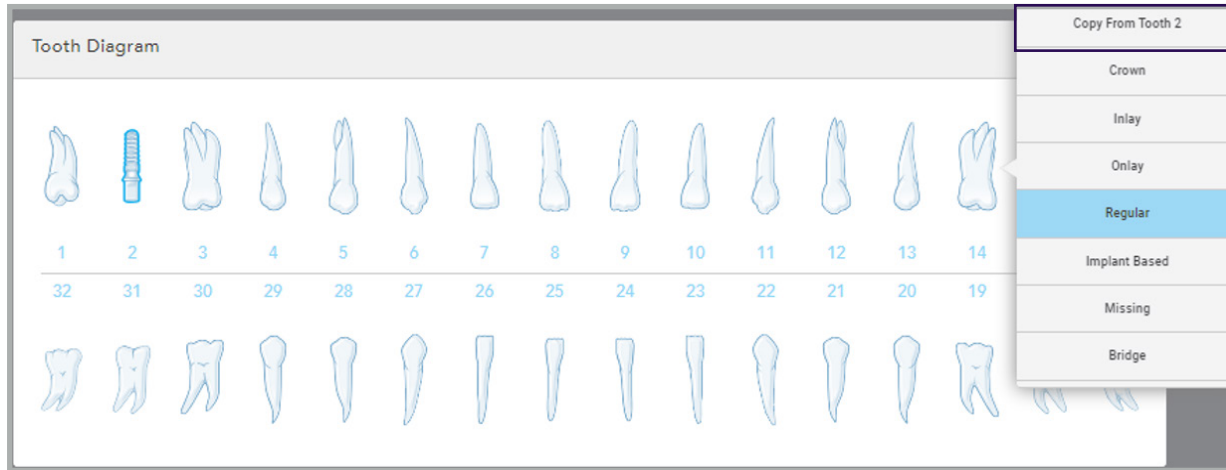
01 Tap the relevant tooth on the tooth diagram and select **Crown** from the drop-down menu.



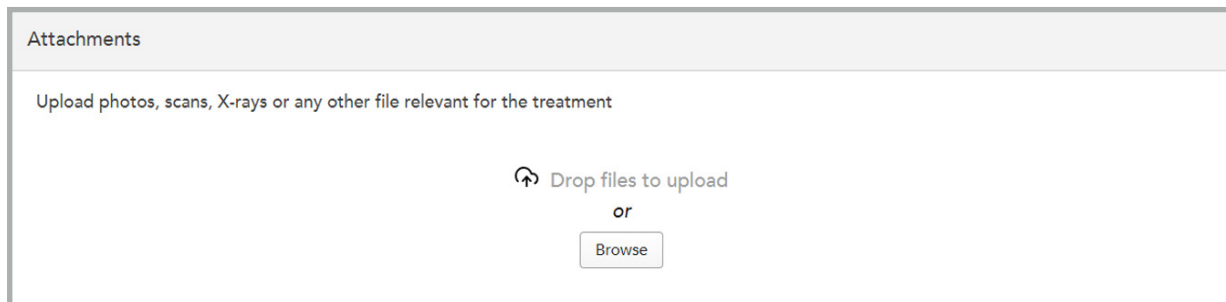
02 Select all the relevant information about the crown, including specification, material, shade system and additional information, if needed.



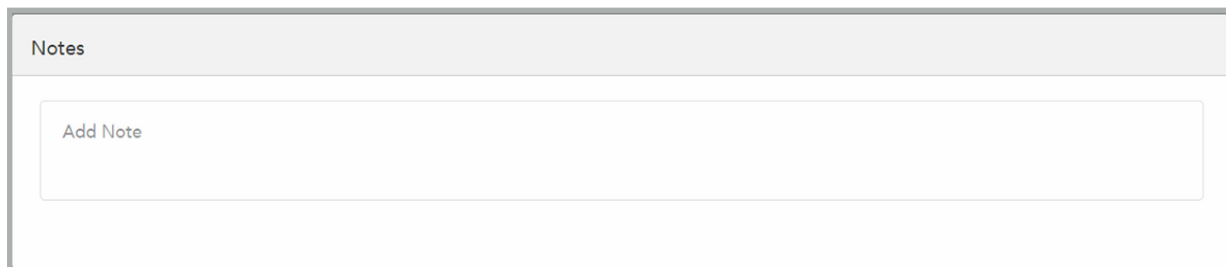
- 03 When scanning for multiple crowns, you can select Copy From Tooth XX (select tooth number) to copy the information.



- 04 Upload the attachments via MyiTero.com portal, if needed.



- 05 Add any additional notes relevant to your lab.



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