

PreXion Expedition: Acquiring a Scan

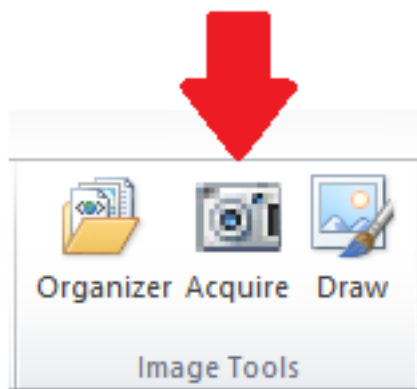
804 [TDO KB](#) April 1, 2026 [CBCT](#) 4.71K

Overview

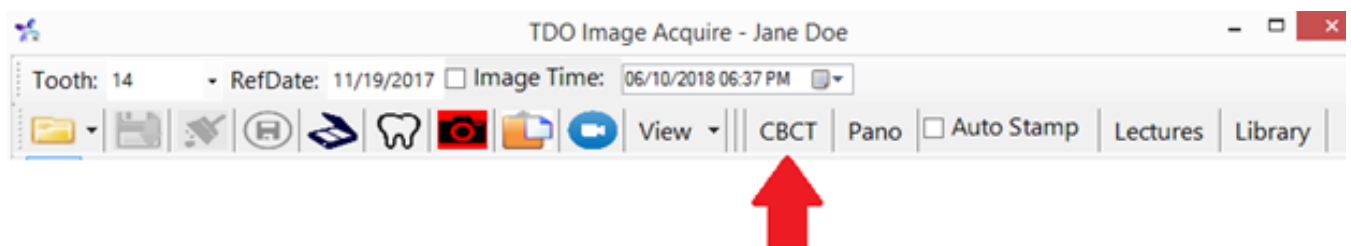
This article goes over how to acquire a PreXion scan through TDO. For instructions on setting up the integration between your PreXion3D scanner and TDO, see [this article](#).

Detailed Instructions

Click the Acquire button from the Main or Imaging tab



Once the Acquire window is open, click the CBCT button to launch PreXion



The “PreXion Home” window will open. The patient will be listed under the “Work List” tab (This tab is selected by default).

If this is the first CBCT on current day, make sure to click on “Daily Check” button and follow the prompts.

The screenshot displays the PreXion software interface. At the top, a status bar shows the date and time as 2020/02/28 15:5. Below this, there are input fields for ID No., Name (First and Last), Age, and Sex, along with a Comment field and a 'Clear all item' button. A 'Searching' button is also present. The main area features two tabs: 'Patient Info' (selected) and 'Work List'. Below the tabs is a table with columns: ID No., First Name, Last Name, Sex, DOB, Age, Comment, Start Date, Start Time, Modality, and Physician Name. The table contains three rows of data. To the right of the table is a 'Patient Information' panel with fields for ID No., First Name, Last Name, DOB, Age, Sex, Comment, Exam Date, Scan, Mode, Type/Qu, Size, Operator, and Description. The 'Scan' field shows a value of 100 kV, 'Mode' shows 100 mA, 'Type/Qu' shows xposure Time 10 s, and 'Size' shows 10 uSv. At the bottom, there are 'Exit' and 'Daily Check' buttons.

ID No.	First Name	Last Name	Sex	DOB	Age	Comment	Start Date	Start Time	Modality	Physician Name
1937562...	Michael	Cole		1945/...	74					
1937562...	Prexion 1...	Prexion								
1937562...	Prexion	TEST	F	1982/...	38					

Current info shared with PreXion: Patient ID number, First/Last names, Gender, Date of Birth (DOB).

In PreXion, the white tab indicates the selected tab.

The “Patient Info” tab is for non-TDO integration. If this tab is selected, the integration with TDO WILL NOT WORK. PreXion will not output the files TDO is looking for.

Select the patient (the patient's info will be highlighted).

Click on the “Select Scan Mode” button.

2020/02/28 16:0 Home

ID No. First Last Comment Clear all item

Name Age Sex Searching

Patient Info Work List View Registration Edit Patient Info

ID No.	First Name	Last Name	Sex	DOB	Age	Comment	Start Date	Start Time	Modality	Physician Name
1937562...	Michael	Cole		1945/...	74					
1937562...	Prexion	TEST	F	1982/...	38					

Exit Select Scan Mode

Patient Information

ID No. **1937562764**

First Name **Prexion**

Last Name **TEST**

DOB **982/02/0** Age **38** Sex **F**

Comment

Exam Date

Scan kV

Mode mA

Type/Qual Exposure Time (s) S

Size uSv

Operator

Description

Select either "CT" or "Panorama".

2020/02/28 16:3 Select Scan Mode

Patient ID No. First Name Last Name DOB Sex Age Comment

1937562764 Prexion TEST 982/02/0 F 38

Now Date Scan Mode Type/Qual Size kV mA Exposure Time (s) uSv Operator Description

2020/02/28 CT

Exam History

Select Scan Mode

CT

Panorama

Home Select Mode

Patient Information

ID No. **1937562764**

First Name **Prexion**

Last Name **TEST**

DOB **982/02/0** Age **38** Sex **F**

Comment

Exam Date

Scan **CT** kV

Mode mA

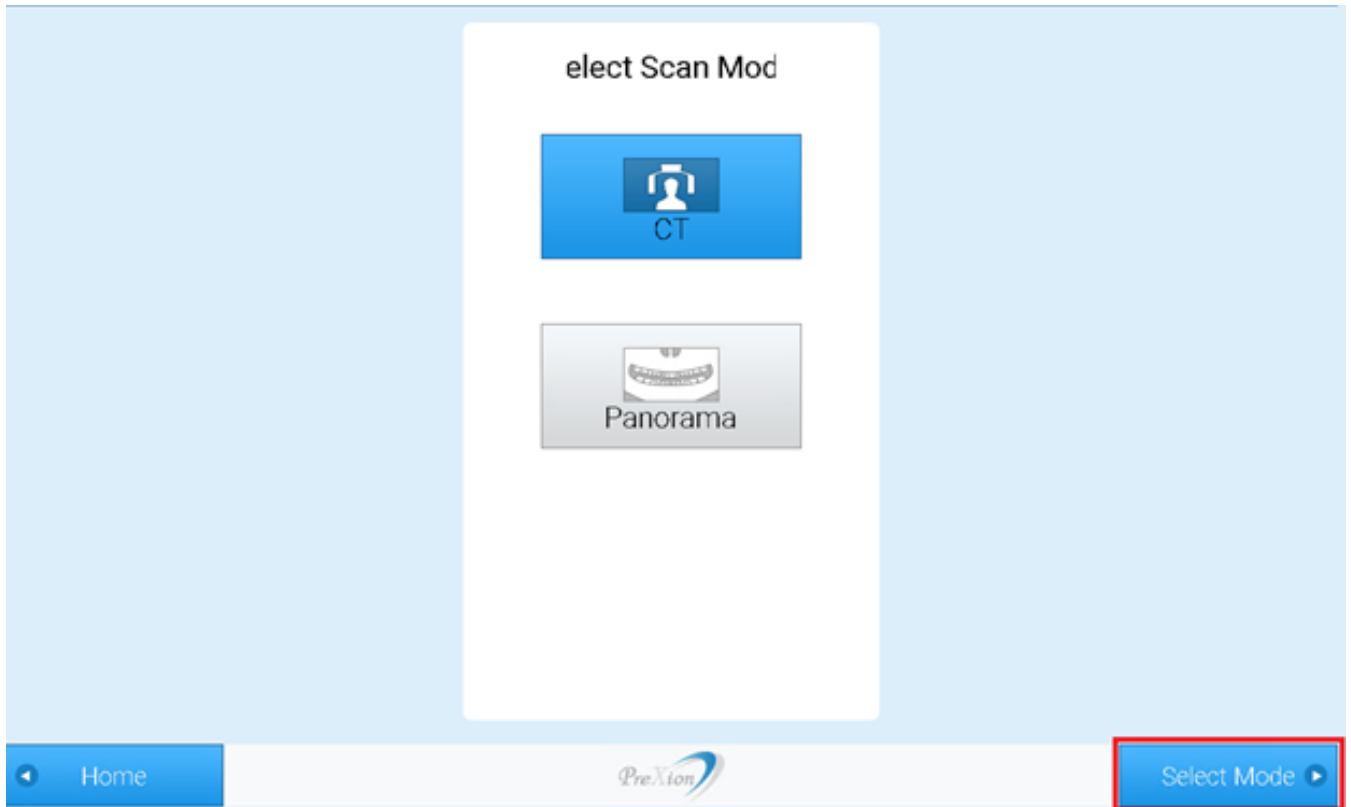
Type/Qual Exposure Time (s) S

Size uSv

Operator

Description

Click on Select Mode.



Select Mode, Quality, and Size.



Click on “Check Scan Area”.

The image shows a software interface for selecting scan parameters, organized into three main columns: "Select Mode", "Select Quality", and "Select Size".

- Select Mode:** Contains two buttons. The top button is grey and labeled "Half (10 x 5)". The bottom button is blue and labeled "Small (5 x 5)".
- Select Quality:** Contains two buttons. The top button is blue and labeled "Standard". The bottom button is grey and labeled "Rapid".
- Select Size:** Contains four buttons. The top button is blue and labeled "Large Adult". The other three buttons are grey and labeled "Medium Adult", "Small Adult", and "Child".

Blue chevron arrows point from the "Select Mode" column to the "Select Quality" column, and from the "Select Quality" column to the "Select Size" column.

At the bottom of the interface, there is a navigation bar with three elements:

- A button on the left labeled "Select Scan Mode".
- The "PreXion" logo in the center.
- A button on the right labeled "Check Scan Area", which is highlighted with a red rectangular border.

On the “Exam Form” window, enter in the Operator and the Description, then click OK.

Exam Form

Patient

ID No. 1937562764

Name First Prexion Last TEST

DOB Year 1982/02/02

Age 38 Sex F

Comment

Scan Performe

Exam Date 2020/02/28

Scan CT

Mode Small(5x5) Type/Quali Standard

Size Large

kV 110 mA 3.2 μ Sv 39.13

sure Time(s) 7.7

Operator JOY

Description Tooth #15

OK

Cancel

- Click OK to begin scanning.

Beginning scanner initialization

Beginning scanner initialization. Initialization involves the arm moving. Make sure that no one is present in the X-ray chamber, and close the door. Ensure safety before pressing

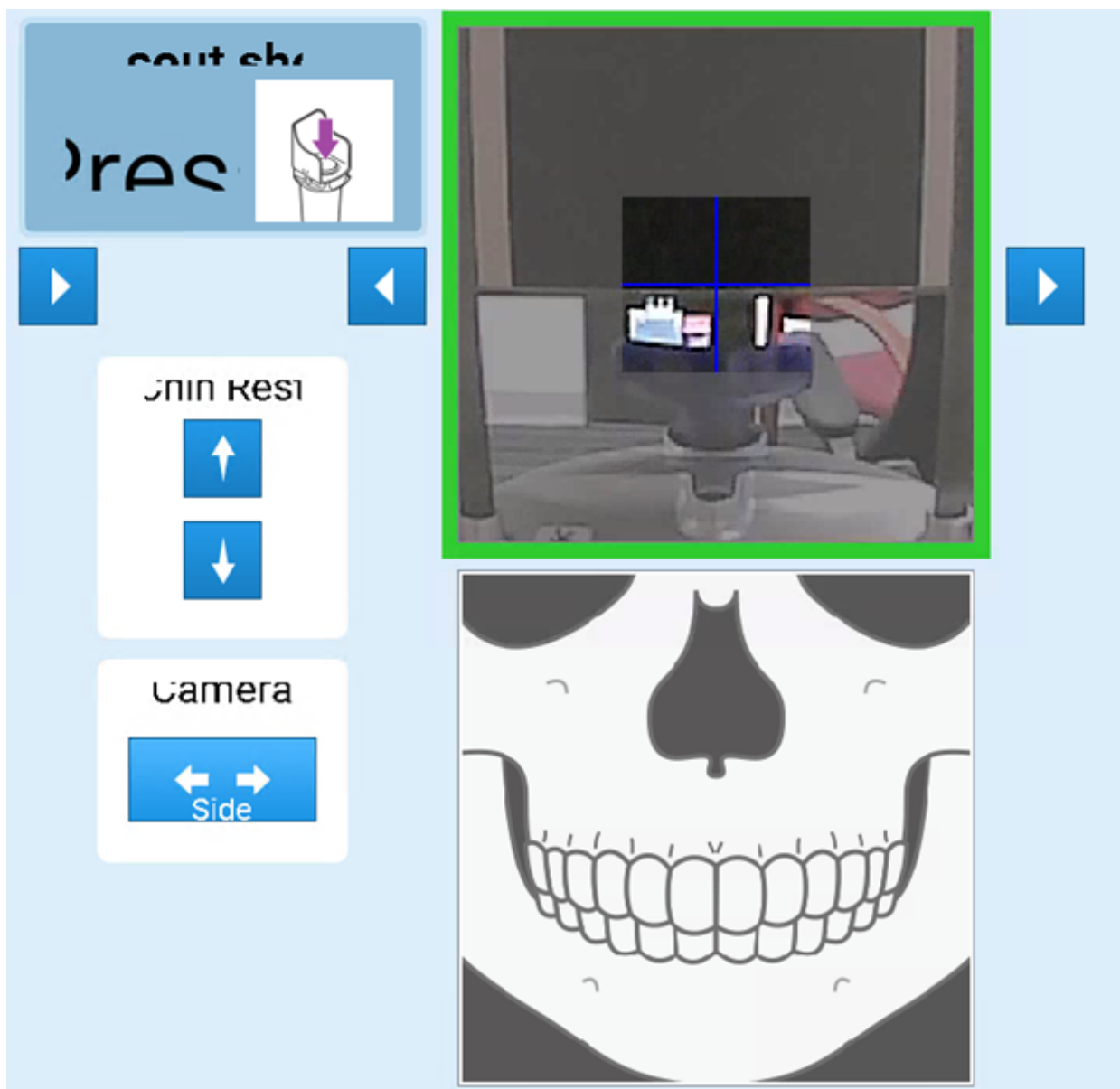
OK

Cancel

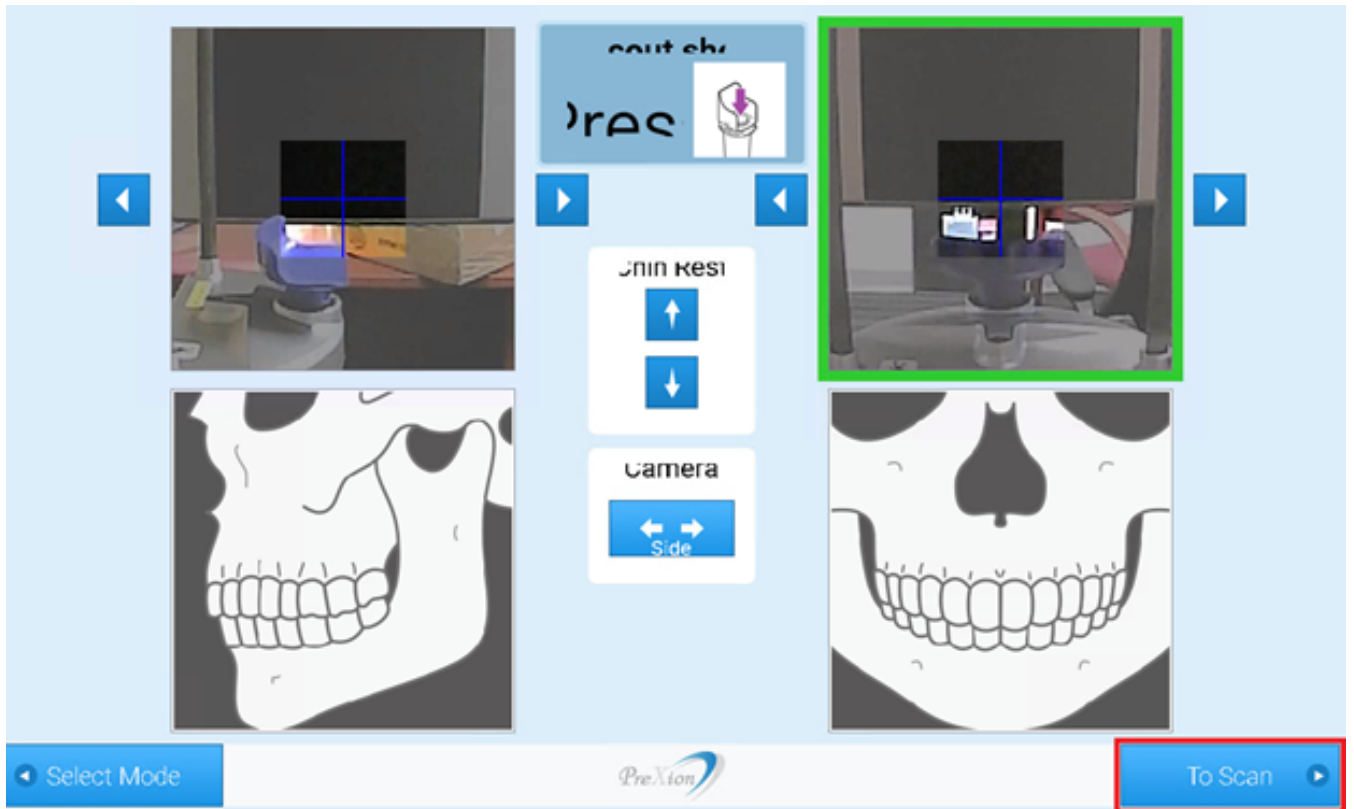
Scanner will initialize to scout the image.

Place patient and adjust.

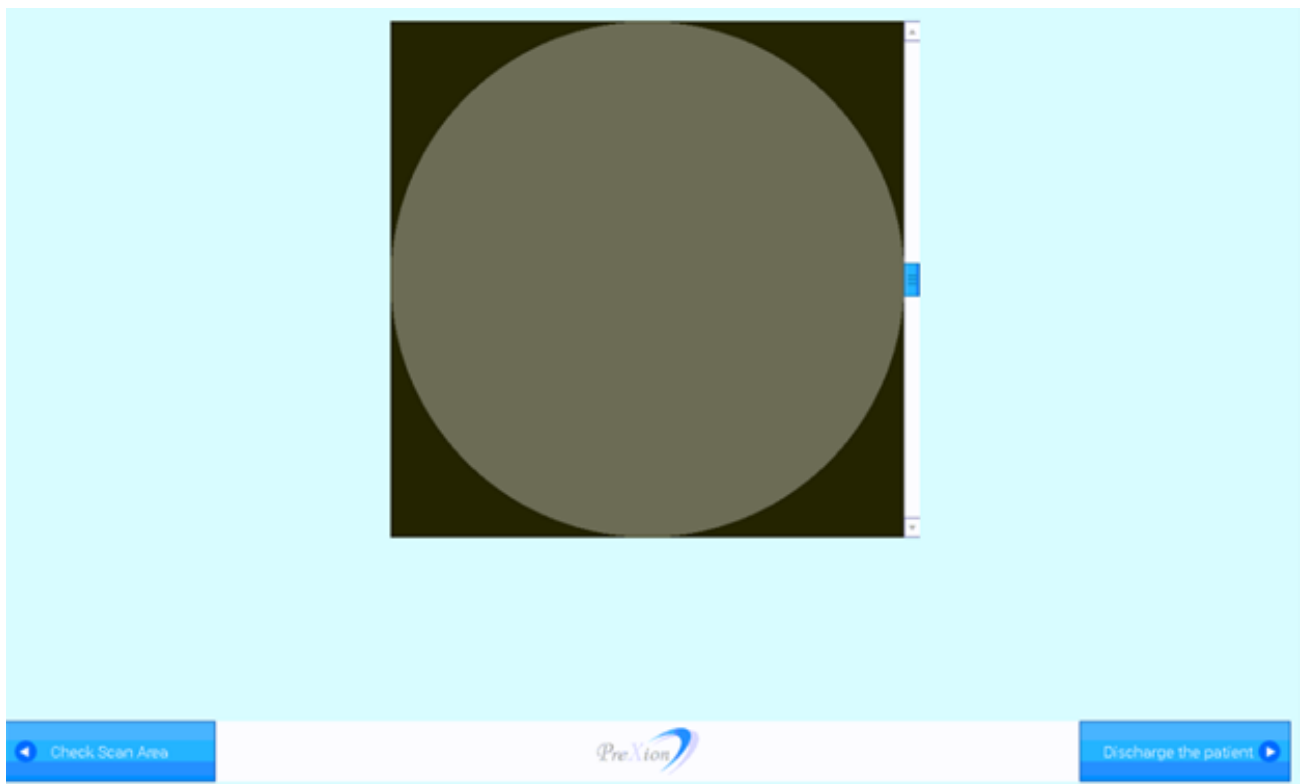
Click on "Camera" button and adjust the image.



Click on 'To Scan' button. Scanning will begin.



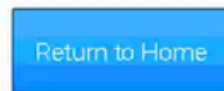
Once the image is taken, click on the “Discharge the Patient” button.



Click on “Image Viewer” to view the 3D image.

Discharge the Patient

Discharge the patient and then press Button.



The 3D icon will show in Acquire.

If the screenshot does not show in acquire, click on the “TDO” button in PreXion. The image should show in Acquire.

Online URL: <https://kb.tdo4endo.com/article.php?id=804>