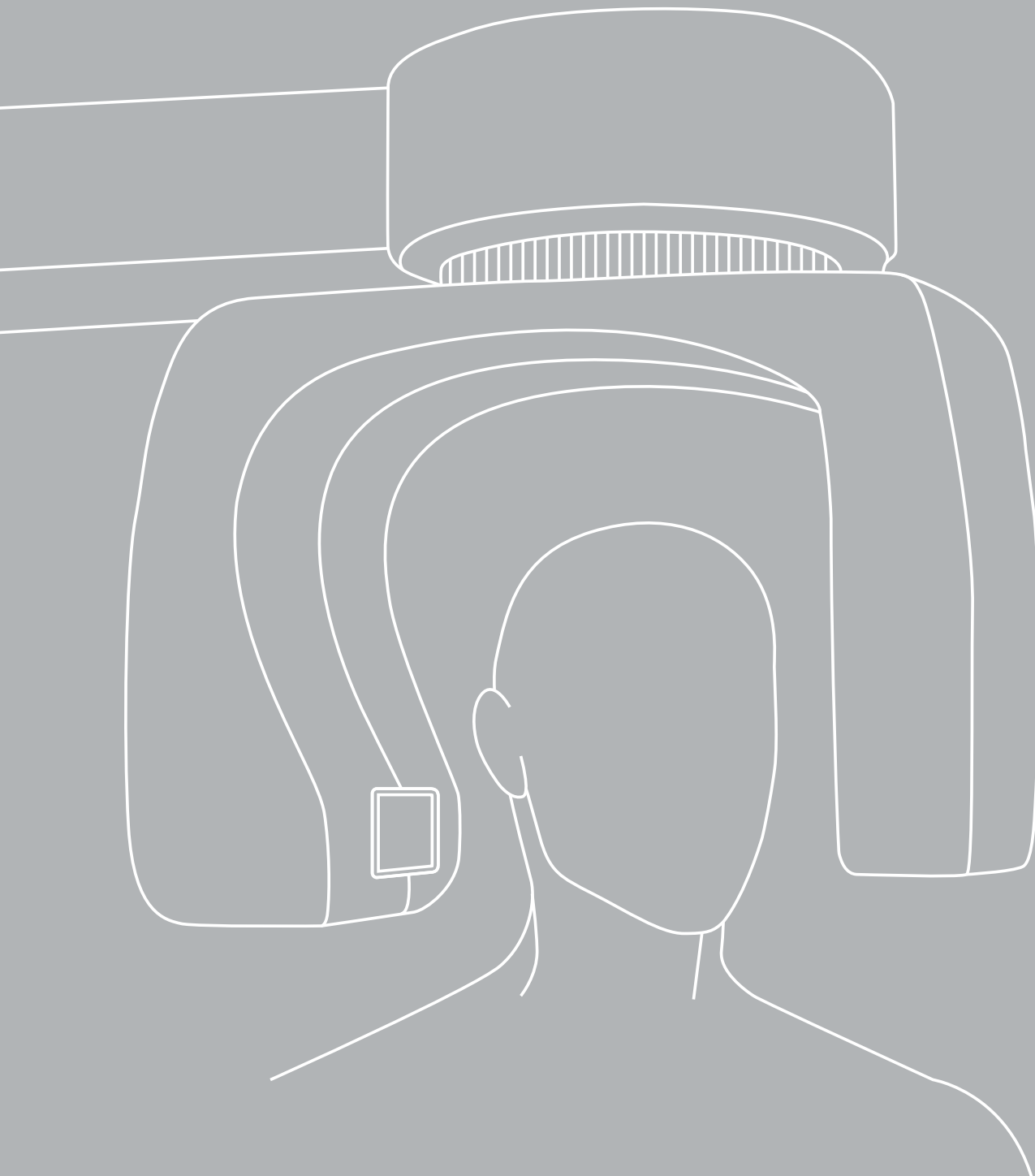


Questions? Please contact:

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# Instructions for CT Scanning



# CT Scan Instructions

After the impression is taken, determine if the patient is non-edentulous or fully edentulous.

## Non-Edentulous

Determine if the patient has non-removable metal restorations



YES

*Patient with metal*

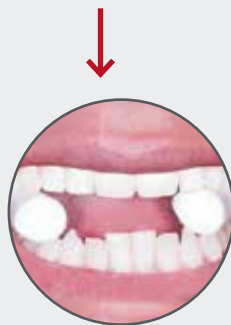
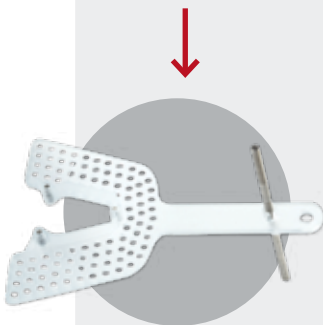
If metal is present, CT scan must be performed with a **Scan Solutions Scanning Appliance**. Follow instructions on page 19.



NO

*Patient without metal*

If no metal is present, separate the jaws using cotton rolls before taking the CT Scan.



TAKE CT SCAN

## Fully Edentulous

Determine if changes need to be made to the current denture (example: tooth position, vertical opening, lip support).

NO

Patient and doctor are happy with current tooth position and vertical opening.



**Use Method 1:**  
Place **SureMark™** markers on denture. See page 20 for complete scanning instructions.

YES

Patient and doctor are unhappy and want to change the existing restoration.



**Use Method 2:**  
**Conventional Scanning Appliance.** See page 21 for complete scanning instructions.

TAKE CT SCAN

# CT Scanning Appliance Instructions

## Non-Edentulous

If your non-edentulous patient has metal restorations, a CT scan must be performed with a Scan Solutions Scanning Appliance as metal artifacts/restorations can cause issues in creating the surgical guide.



Implant Solutions®  
Scan Solutions Kit of 4

**Includes:**

- + Scanning appliance & instructions
- + Bite registration material & applicator tips
- + Alignment pin

# How to Use a Scan Solutions Scanning Appliance

# 1

Place the metal pin provided through the hole in the handle as shown, this pin will help quickly determine if the patient moved during the CT scan. Paint the device with a tray adhesive compatible with the Denmat clear bite registration material you will use in the next step.

# 2

Apply the Denmat clear bite registration material that must be used with the kit as shown. A larger amount is better than a small amount. If the bite registration material doesn't accurately capture the occlusal surface of the teeth, repeat this step.

# 3

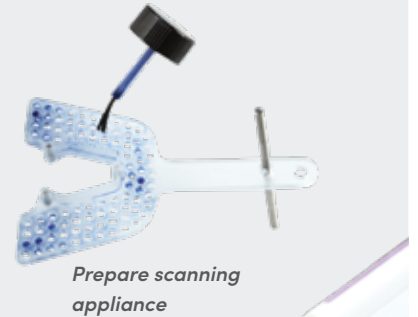
Place the device in the mouth and have patient rest the opposing arch on cotton rolls to gently hold the device in place.

# 4

You are now ready for the CT scan. Follow manufacturers directions for CT Scan.



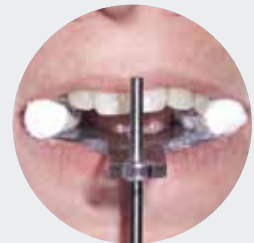
Check out our Implant Solutions® Youtube Channel instructional video.



*Prepare scanning appliance*



*Apply bite registration material*



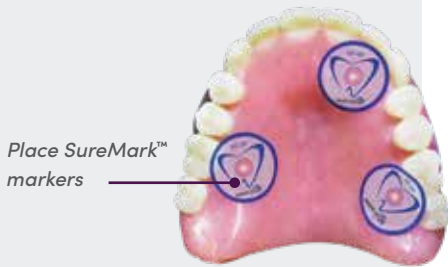
*Place device back into mouth*



*Take CT scan*



Each Sure Mark™ kit includes 24 markers



Place SureMark™ markers



Place denture on block



Place denture back into mouth



Take CT scan

# CT Scanning Appliance Instructions Fully Edentulous

## METHOD 1 INSTRUCTIONS: USING SUREMARK™ MARKERS

1

Place 3 SureMark™ markers on the labial side of the denture and 3 on the palatal side.

---

2

Place the denture on a foam block properly orientating the teeth and place on the CT Scanner rest. Make sure the foam block is in the proper Field Of View (FOV) for the CT Scan.

---

3

Next, have the patient insert the complete denture with SureMark™ Markers into their mouth and separate patient's arches with cotton rolls.

---

4

Take patient CT Scan and send or upload files to Implant Solutions® ([www.solutionsforimplants.com](http://www.solutionsforimplants.com)). Include the following: CT scan of patient wearing complete denture and CT scan of prosthetic.

## METHOD 2 INSTRUCTIONS: CONVENTIONAL SCANNING APPLIANCE

1

**Impression.** Take upper and lower polyvinyl or polyether impression of patient's features. Ridges, borders, hamular notches and retro-molar pads must be present and accurately impressed.



Impression

2

**Base Plate/ Bite Rims.** Using the provided impression, Implant Solutions® fabricates a base plate/bite rim. Use the base plate/bite rim provided to register the vertical dimension. Mark midline and contour the bite rim to fit patient's facial features.

Base plate/  
bite rim

3

**Set Up.** Based on the provided records, Implant Solutions® fabricates a setup with barium sulfate teeth. Try-in setup and address all cosmetic and phonetic requirements. If changes are needed, relay information back to Implant Solutions® and evaluate if new try-in is needed.



Set-up

4

**Process.** Implant Solutions® processes the try-in and converts it into a scanning appliance that is then returned to the doctors.



Process

5

**Cotton Rolls.** Before taking CT scan with the conventional appliance in place, separate the patient's jaws with cotton rolls.

Place cotton  
rolls

 **YouTube** Check out our Implant Solutions® Youtube Channel instructional video.