

1. Study Models

The first step in the sequence is to take impressions for study models. Refer to the **CB/CBCT Scan Chart** (below) to determine which/if an appliance may be required for a successful scan.



2. CBCT Scan

Send your patients for a CBCT scan with the appliance as needed. Ensure an adequate scan by referring to the Specific anatomical situation and scan options below.



3. Treatment Plan

Send data files and models/records to Watersedge. Please book an appointment with our software experts to begin the virtual treatment plan.



4. Print Guide

Using cutting edge printing technology, we will 3Dprint your guide at Watersedge.

5. Surgery/Provisional Delivery

Day of surgery and prefabricated provisional delivery (if planned).



6. Predictable Delivery

The final stage of the sequence. Predictable delivery and outcome of final prosthesis, satisfying all patient's needs and expectations.

CB/CBCT Scan Chart

1. Determine the relevant anatomical situation from the list to the right, and match it with the applicable scan option.
2. When sending your patients for a CB/CBCT scan, always ask for a full arch scan and an open bite of approximately 5 mm.
3. We suggest that you register the patient's bite chairside, and have them take the bite registration with them for the scan.
4. All dentures, whether converted or duplicated, to act as a scan appliance, must have an excellent adaptation to edentulous areas. Evaluate fit and, if required, perform a chairside or lab processed reline before conversion or duplication.

Anatomy Specific Situation

A. Fully Edentulous

For fully edentulous patients, choose **option #1** or **option #2** in the scan options to the right. If patients existing denture contains ANY metal, you must select **option #2**.

B. Partially Edentulous

Partially edentulous patient with less than five natural teeth or with five-six teeth, but most are crowns, choose **option #1**. If patients existing denture contains ANY metal, you must select **option #2**. Select **option #1** or **option #2**.

C. Five Or More Natural Teeth

Select **option #3** from the scan options on the right.

Scan Options

Option #1

Place 8-10 radiopaque markers at tissue level or below, well spread out and on different planes. Send the patient for CB/CBCT scan. Scan denture intra-orally and also scan denture independently.

Option #2

Send dentures to Watersedge for duplication and production of the radiopaque guides. Send the patient for a CT/CBCT scan. Scan radiopaque guides intra-orally and also scan guides independently.

Option #3

Send the patient for a CT/CBCT scan. Send new upper and lower impressions or models, to Watersedge Dental Lab.