Intraoral Scanning Protocol for Bonded Patients

For best results, submit complete scan orders that meet SureSmile’s requirements for quality. Scans that must be captured intraorally are: therapeutic, supplemental segments and/or bite (CBCT users only), and update. To meet quality requirements, follow guidelines for scan criteria, scan pattern and SureWhite handling.

Scan Criteria for Segments

Follow scan criteria to capture a complete representation of the patient’s anatomy, brackets and bite.

- Bracket doors closed
- 2 mm of gingiva
- No missing cusp tips
- 75% of every tooth surface
- One bracket wall and all 4 wings

SureWhite Instructions

Apply SureWhite as directed on the package insert: “dry, apply, dry.”

Scan Pattern for Segments

Upper & Lower Arches

1. Scan in a serpentine pattern across the posterior to capture all views of each tooth.
2. Follow a sweep-rock motion to capture the lingual/incisal view of the anteriors.
3. Continue a sweep-rock motion to capture the labial/incisal view, and return to overlap the canine area.
4. Finish the scan of the arch with the same serpentine pattern in the posterior of the other side.

Bite

1. Position the mirror over the molars in occlusion.
2. To capture gingival margins, move slightly up/down as you sweep forward.
3. Move mesially to capture 5 teeth in occlusion.
<table>
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<tr>
<th>Therapeutic Scan</th>
<th>Supplemental Scan (CBCT Users only)</th>
<th>Update Scan</th>
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| A full intraoral scan used to model the patient’s current tooth anatomy and bracket positions. | A partial intraoral scan to capture optional bite and/or:  
- Teeth with restorations which were not captured adequately during a CBCT scan (6 or less teeth in an arch or 10 total)  
- Premium service to model move/all teeth | A partial intraoral scan to capture changes after the therapeutic scan has been taken:  
- Newly erupted tooth  
- Rebond  
- Change in anatomy that will affect setup |

1. **Prepare patient**
   - Remove wires
   - Close bracket doors
   - Remove turbos/equilibrate

2. **Take photos & x-rays**
   - Photos and panorex must be taken within 4 weeks before or 2 weeks after the scan.  
     - Standard set required
     - Also recommended:
     - Current panorex required:
     - Ceph required (current preferred, but initial is acceptable):
   - Recommended: Take current photos to capture the reason for the scan

3. **Take orascan**
   - Capture upper, lower, bite
   - Use approved scanning technique (serpentine, and sweep-rock)
   - For bite scan, use natural bite
   - Open existing order or start a new CBCT order
   - Take scan intraorally
   - Capture teeth with restorations: crowns, bridges, PVC, PFM, metal fillings 3mm or larger
   - Capture incisal restorations
   - Capture a minimum of 3 teeth
   - Capture 2 or more anchor teeth per segment
   - Touch to start next segment

4. **Replace wire/Instruct**
   - Brush
   - Replace wires
   - Give instructions/wire appointment handout

5. **Upload photos & x-rays**

6. **Submit order**
   - Update dental exam for missing teeth
   - Update dental exam for brackets
   - Submit order/set wire appointment date

*The steps to submit the order and upload records may be completed later in the day as time allows*