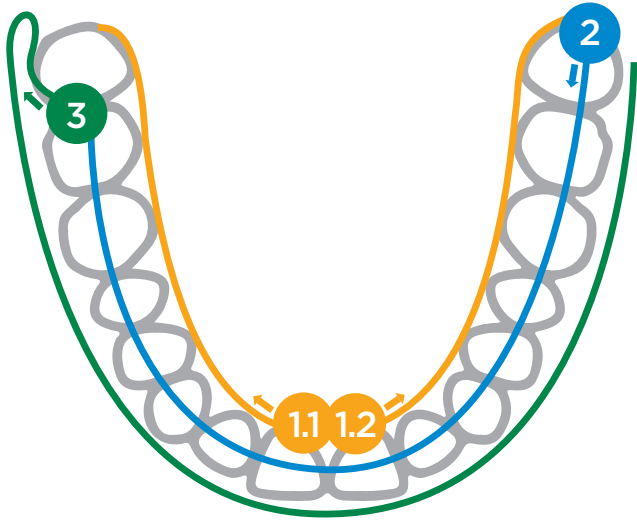# Edentulous Scan

Use the same Primescan scanning strategy as for Full Jaw Scan but with a splitted first sweep. It is important to have overlapping data so the sweeps can be stitched. Please use the following procedure when scanning full jaw edentulous cases for Atlantis suprastructures.

1 Start occlusally in the incisal region, tilt the scanner approx. 60° in an oral direction and move it orally along the dental arch up to the distal region. Perform again for the opposite side. Make sure to overlap 1.1 and 1.2 at the starting point.

2 Guide the scanner occlusally from the distal region across the entire dental arch back to the other side.

3 To complete the scan, tilt the scanner approx. 60° in a buccal direction and move it buccally along the entire dental arch.

Further tips for scanning with Primescan for Atlantis® suprastructures

- Important! When scanning the Atlantis IO FLO-S, always start scanning the gingiva and the base of the scanbody.

- Move the Primescan around every Atlantis IO FLO-S to capture more on their surface. The most important part of the IO FLO-S is the top plain. This should be captured completely.

- Never try to restart scanning (reentry) on the IO FLO-S. Always try to reentry on intraoral surfaces with sufficient geometrical structure.

- Focus on long, continuous sweeps with as little as possible interruptions. Start rather slow, then adjust to your optimal speed.

- If you see strange artifacts or wrong surfaces, delete the image catalogue and start over.

- Always generate an overlap of new and existing data to improve data stitching.

- If sweeps do not stitch correctly, stop the scan and restart the last sweep with more overlap.

- Keep scanned tongue and cheek to a minimum. When those have contact with the region to scan, the algorithm is struggling to remove artifacts automatically.

- While moving from posterior to anterior keep the scanner in a rectangular position to the mouth opening.

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