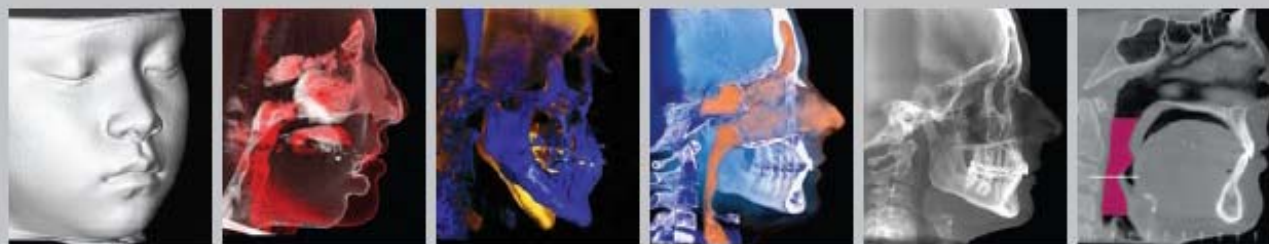
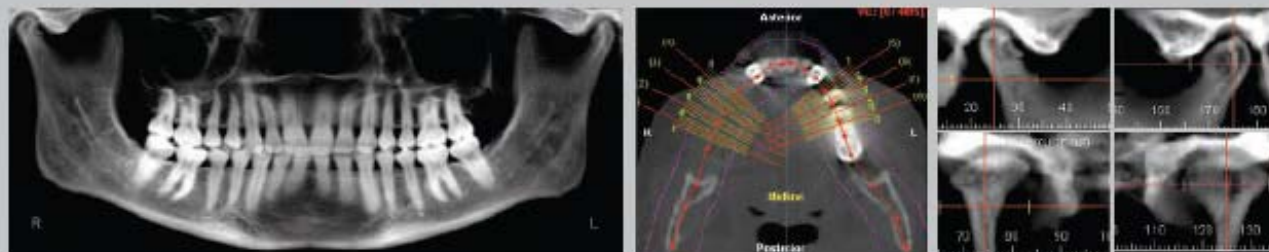
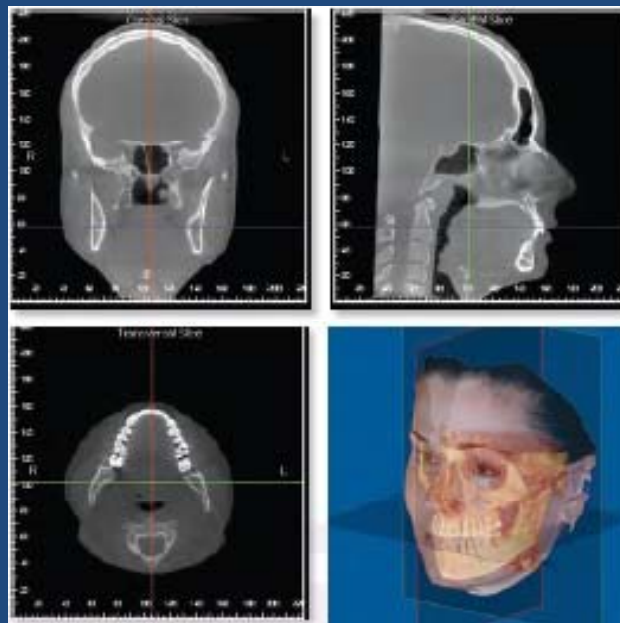


New diagnostic possibilities with 3D software

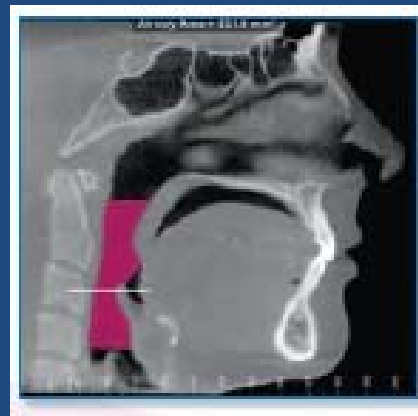
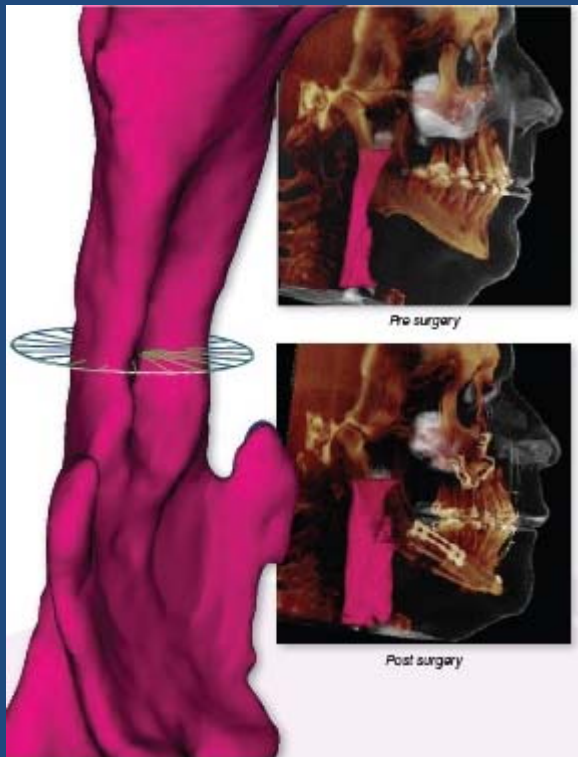


Multiple Planar Views and Layouts

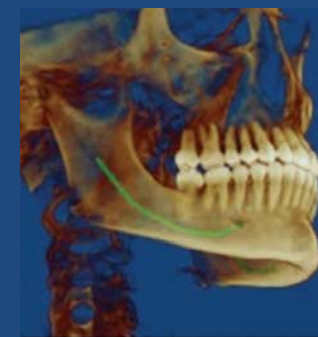
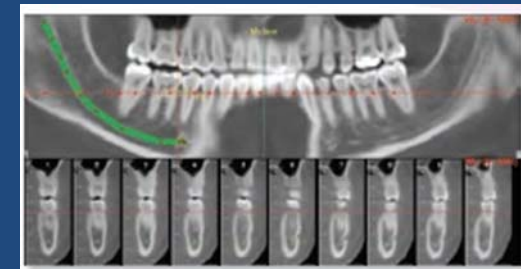


Digitizing/Measuring

Analyze the airway with volumetric scan



3D Nerve Marking



TMJ View

Select TMJ slicing position
and parameters



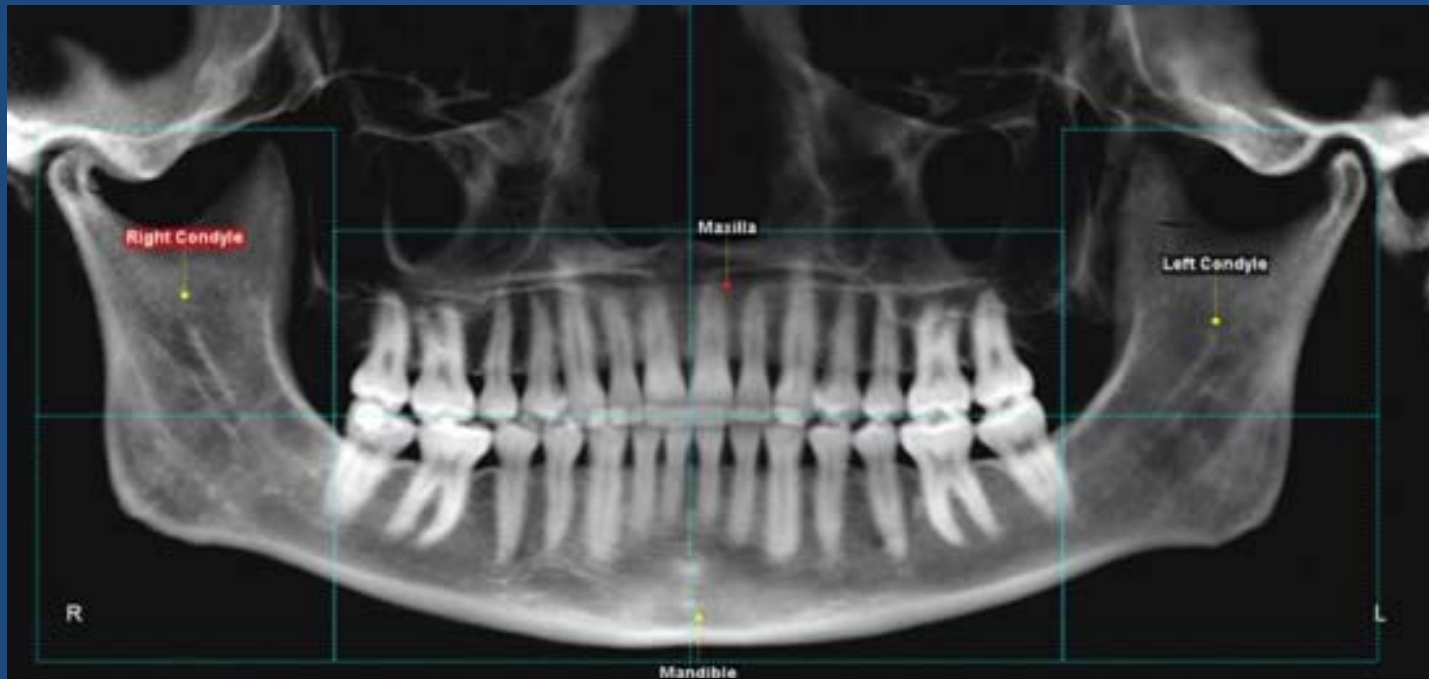
isolate desired TMJ area



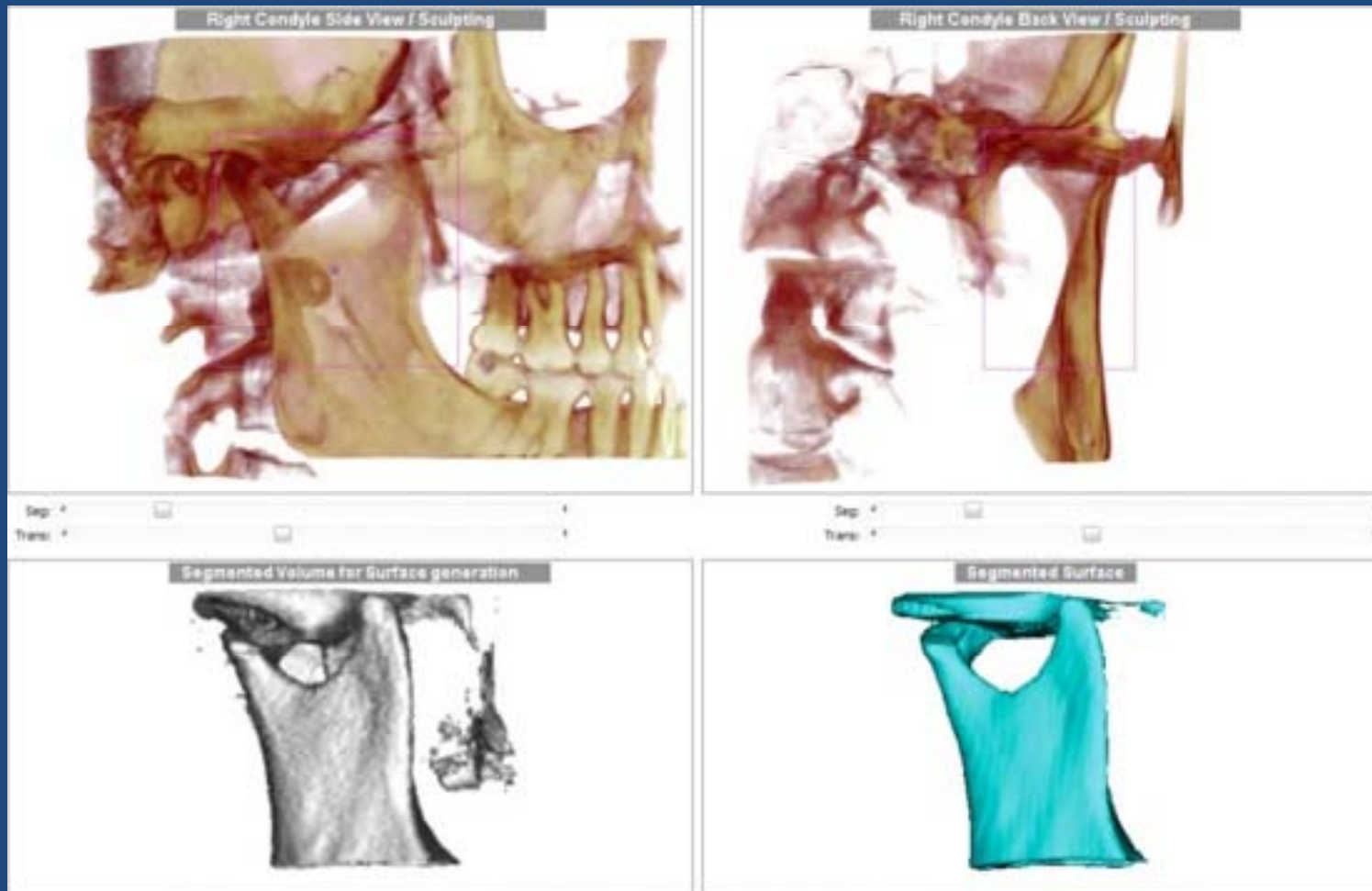
Overview resulting TMJ

View group of TMJ slices

Easy to create 3D surgical work-up



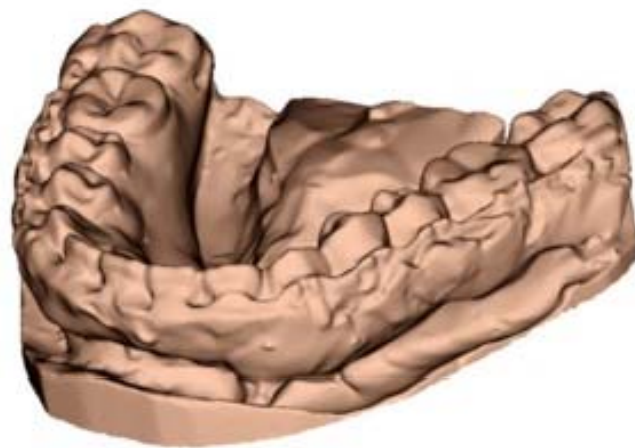
Step 1: Setup – Map out the general area of the main structures: Proximal segments, maxilla and mandible.



Step 2: Crop – Precisely segment the for maxilla and mandible.



Original CBCT mandible data



High resolution scan of the study model

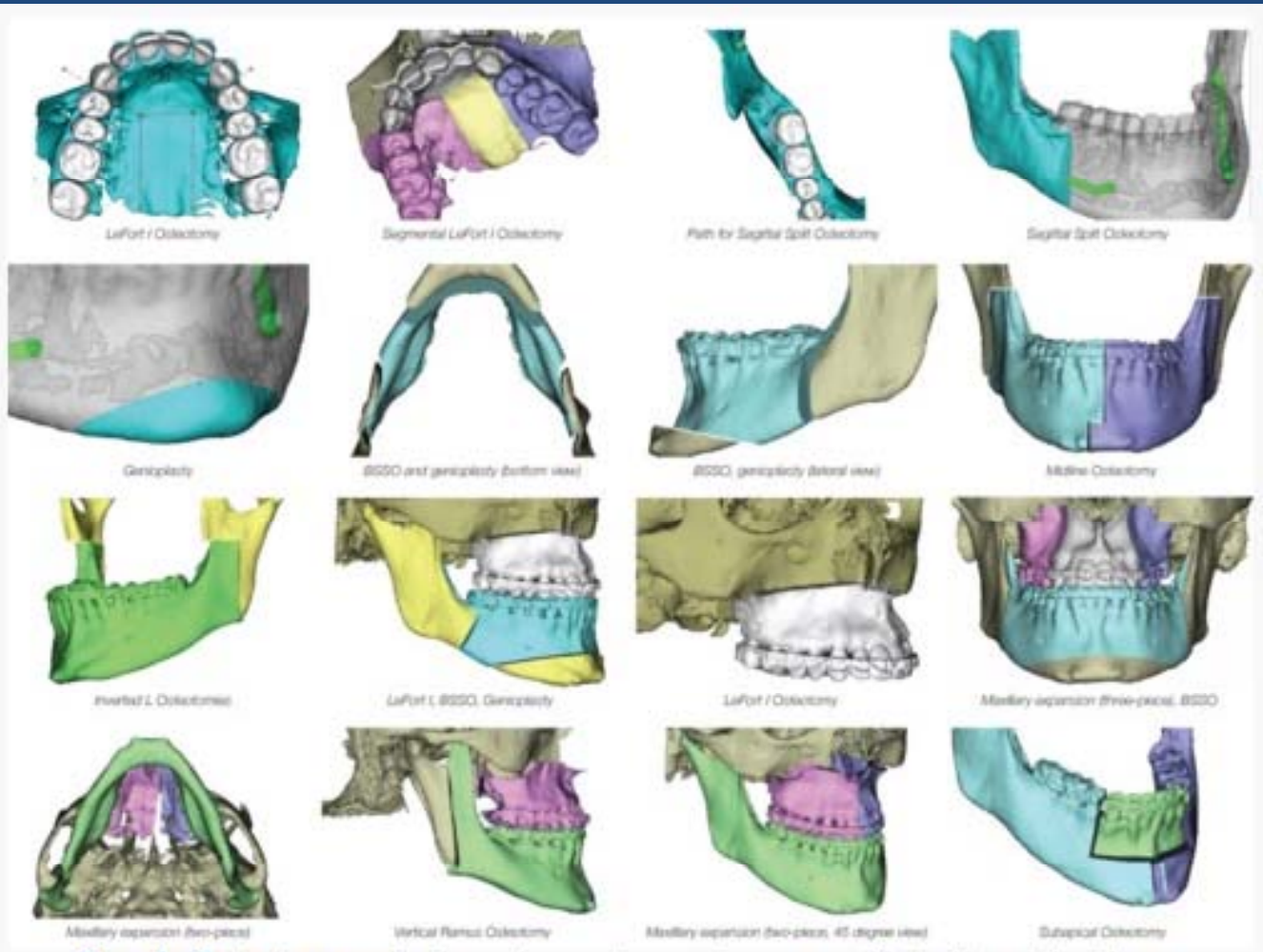


Registration of the two datasets

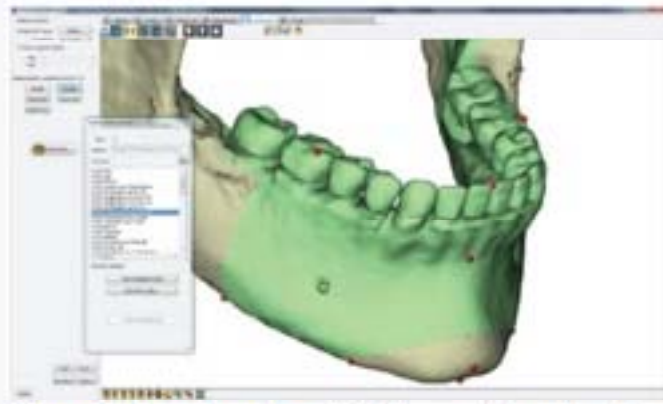
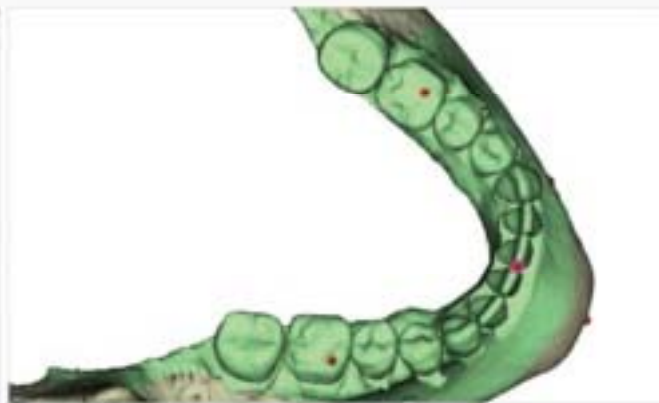
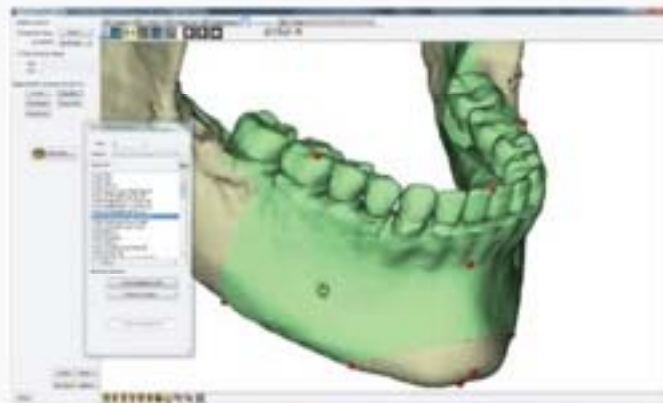


The composite model

Step 3: Clean-up and merge – Sculpt away any excess tissue from around the maxilla and mandible, and replace low-resolution CBCT teeth with auto-merged high-resolution, digital study model teeth.



Step 4: Osteotomy – Perform the custom osteotomy specific to the patient/case.



Step 5: Landmark – Digitize critical landmarks, including any 3D cephalometric analysis landmarks.