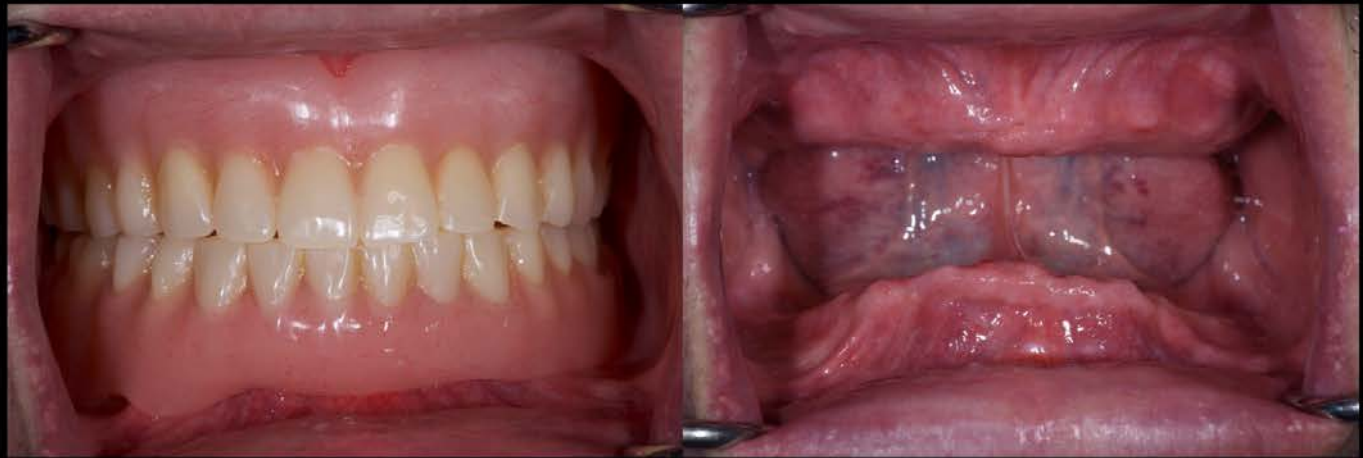


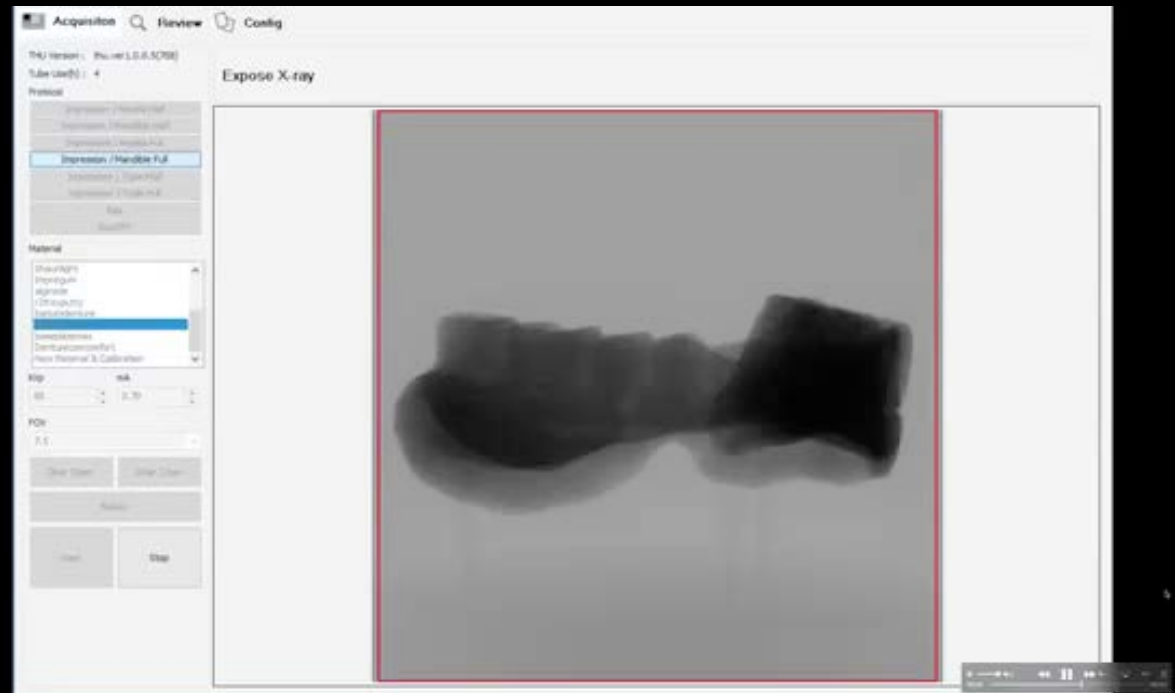
How to utilize **Impression CT Scan Technology**
to diagnosis & treatment planning, surgical guide and fabrication of
provisional and final restorations.

- All on x case, totally digital and modeless workflow -

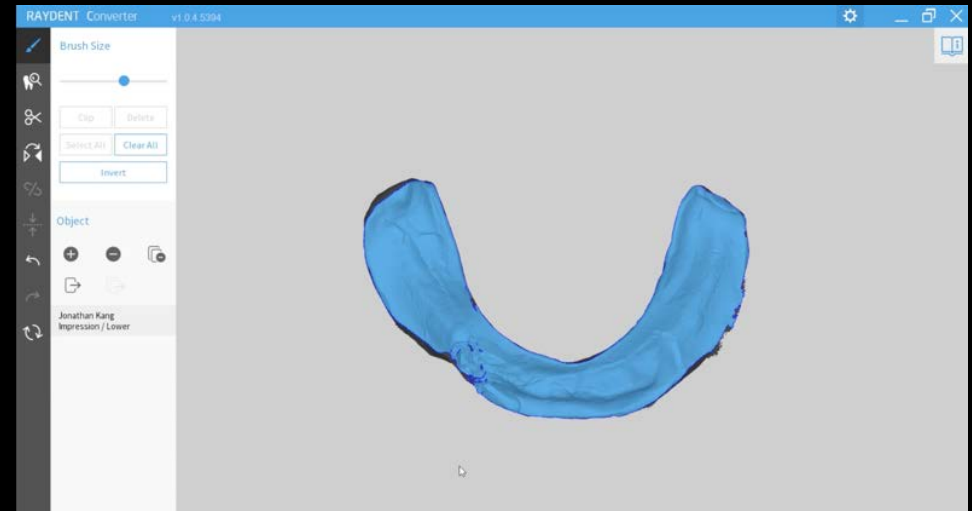
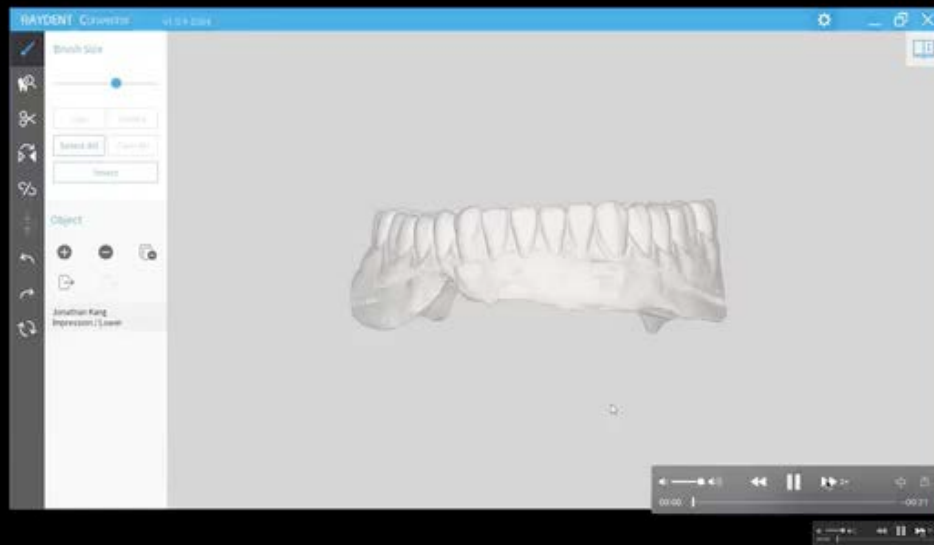
Full Mandibular case,
By Dr. Jonathan Kang, Prosthodontist, New York



*A male patient wearing Full denture case, 2018.
Planning Fixed Bridge over 8 implants on mandible.*



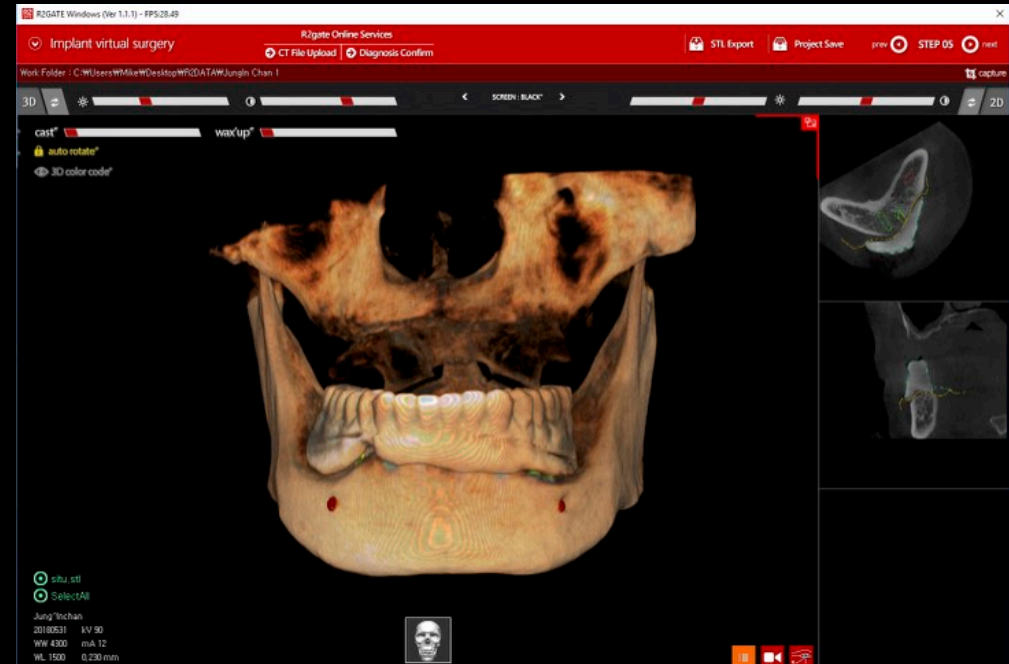
*CT Scanning of patient's current lower denture.
Capturing complete 3D surface information of the denture without loss of any
information due to undercuts/shadow.*



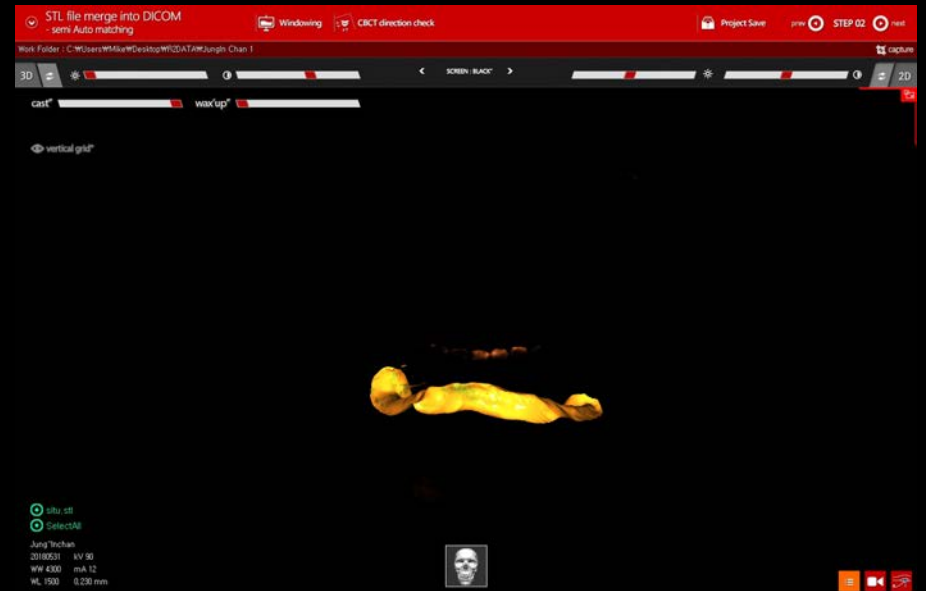
Capturing fitting side of a denture for a soft tissue information.



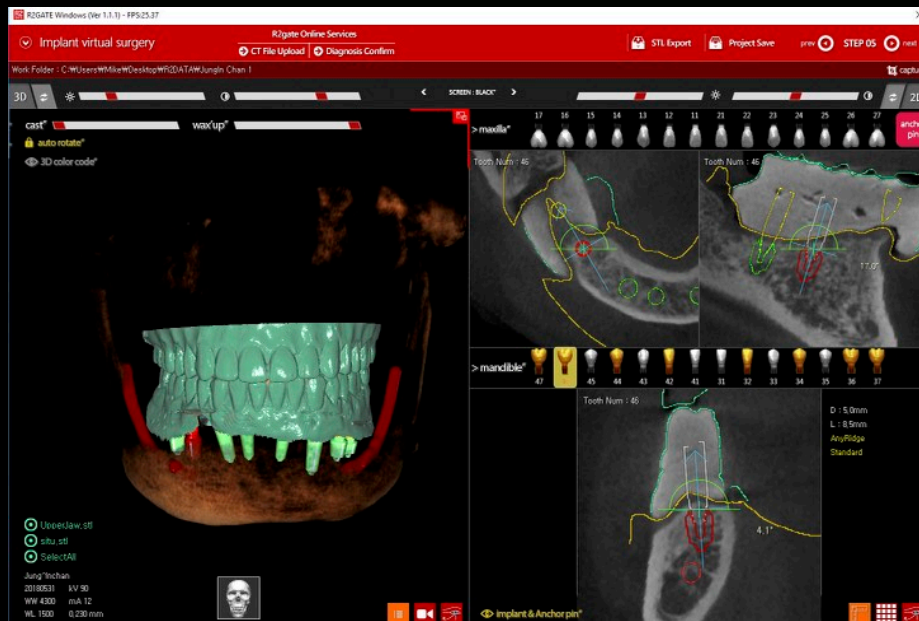
*3D Printing a denture duplicate out of radiopaque resin.
Identical fitting as an original denture.*



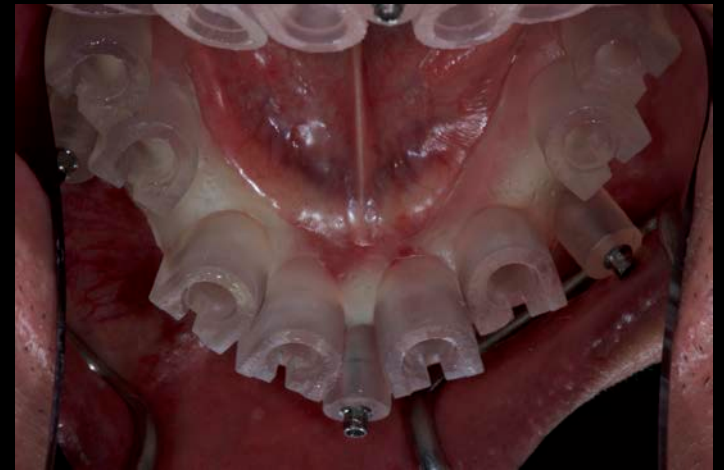
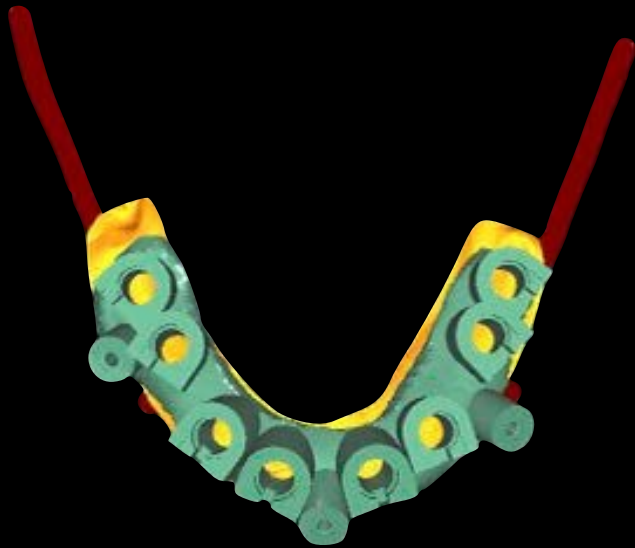
*Taking a CBCT of a patient wearing a radiopaque denture.
The 3D printed radiopaque denture is clearly visible.*



Mounting the maxillary / mandibular models and soft tissue information.



Planning to place 8 implants on the mandibular



*Designing surgical guide and 3D printing it.
Well fitting surgical guide.*



All implants externalized with multi unit abutments and temporary cylinders placed.



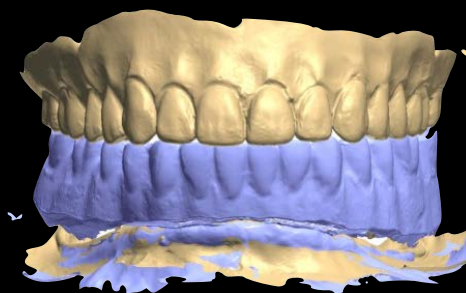
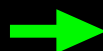
*Designing denture conversion and 3D printing it for a provisional restoration.
Giving a shade to gingival tissue.*



*Place provisional restoration in the mouth with minimal adjustment.
Apply dual cure resin around temporary cylinders.*



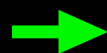
Provisional Restoration



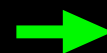
3D Scan of Provisional Restoration



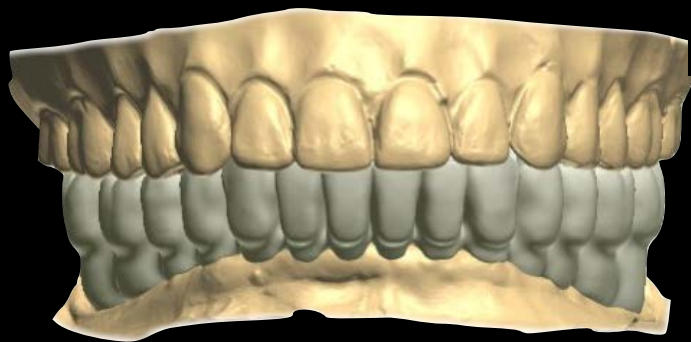
8 Scan Bodies



Rubber Impression of Scan Bodies



Micro CT Scan Data



Micro CT Scan Data



*14 units zirconia screw-retained bridge over 8 implants
fabricated from impression CT scanning information.*



In 2 weeks final application

All on X With Impression CT Scan Technology

