

3D Conversion of Patient Anatomy



We need only a CBCT scan of the patient to execute bone segmentation requests in DICOM standard format



Radiology Reporting



Dicom standard cbct scan of patient is required only.



Guided Surgery Planning

Dentulous Case (If No metal works presence):



CBCT SCAN OF THE PATIENT



CBCT of cast or Intra Oral Scan or Impression scan



Guided Surgery Planning

Dentulous Case (If metal works presence):



CBCT scan of patient along with impression tray(make sure to glue some radiographic markers on tray)

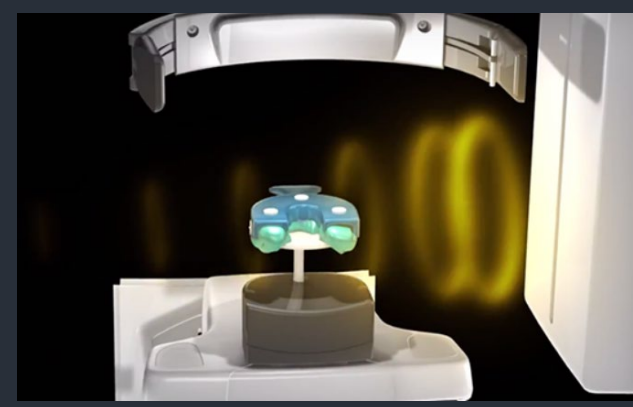
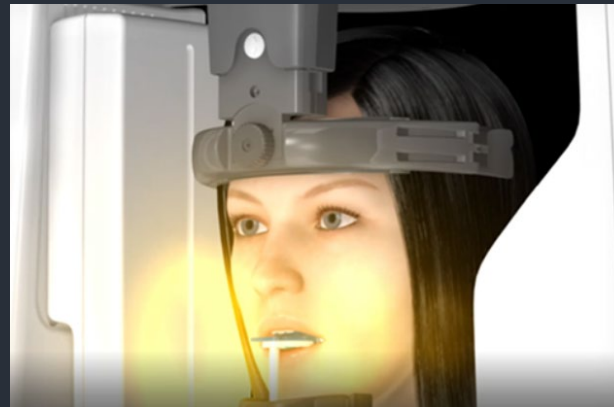
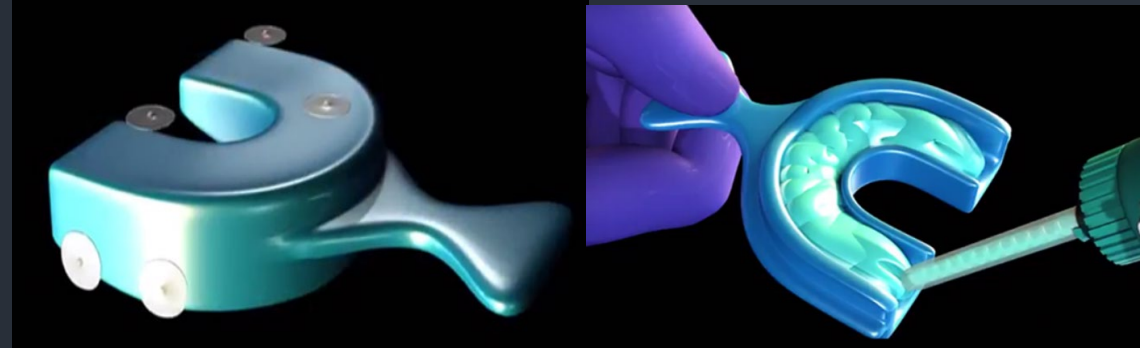
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CBCT scan of Impression scan with radiographic markers

Note:

- 1) Fix some radiographic marks on plastic tray from buccle and lingual aspect
- 2) Pour alginate or PVS impression on the tray
- 3) Take CBCT scan of patient with the tray keeping in his/her mouth
- 4) Remove the tray from patient mouth
- 5) Take the scan of plastic tray separately



Guided Surgery Planning

Partial Edentulous or flapless Surgery (If patient has less than 5 teeth)



CBCT scan of patient following the previous protocol number 2 of guided surgery

Guided Surgery Planning

Fully Edentulous Patient (If Patient is wearing denture)



CBCT Scan of the patient wearing denture

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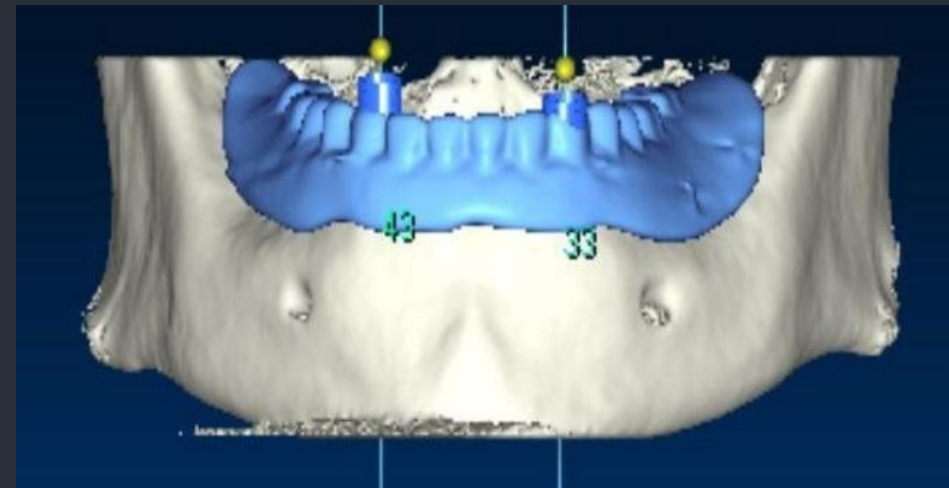


CBCT scan of the Denture only



Note:

- 1) Fix some radiographic marks on Denture from buccal and lingual aspect
- 2) Take cbct scan of patient with the denture keeping in his/her mouth
- 3) Remove the Denture from patient mouth
- 4) Take the scan of Denture tray separately



Guided Surgery Planning

Fully Edentulous or Flapless Surgery (If patient is not wearing denture)

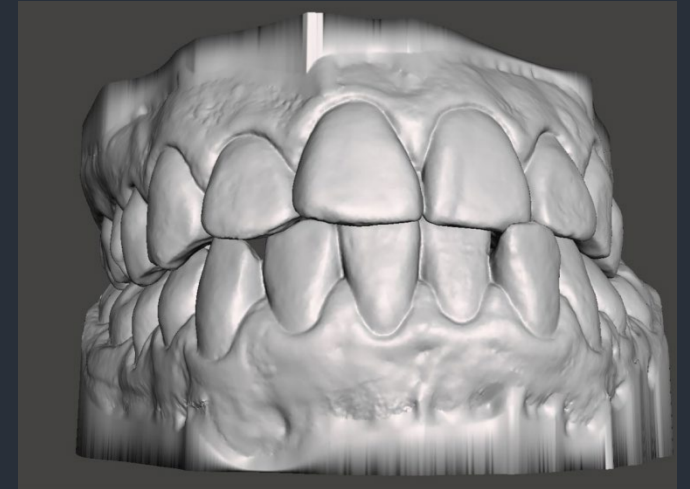


Please follow the instruction of 2 protocol with Impression

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Make sure to take a bite scan for temporary planning



Digital Denture



Upper and Lower Cast Scan

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Bite registration of the patient



(Intra oral scan or lab scan can be used to have the file in stl format)



Ortho digital planning

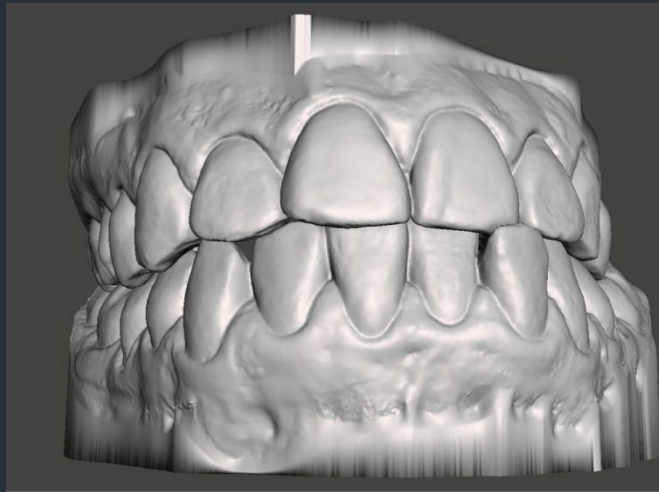


Upper and Lower Cast Scan

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Bite registration of the patient



(Intra oral scan or lab scan can be used to have the file in stl format)

