From Collapsed Bite to FP1 Stability : A Digital Workflow–Based Implant Case Utilizing Neo-Naviguide

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INTRODUCTION

- 82 years old gentleman having difficulty to eat and requested for teeth replacement
- He also want to have a good look when smilling

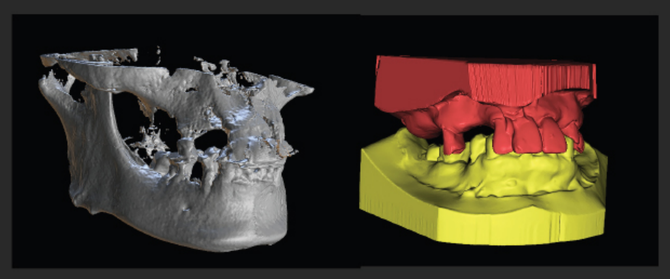
- **Challenges**
  - Severe *attrition* of upper & lower teeth
  - Loss of *vertical dimension*
  - *Misaligned* teeth
- **Treatment Plan**
  - Extraction of all upper teeth
  - **All on 6** at the maxilla with guided & flapless surgery
  - **3 implants** on the mandible with guided surgery
  - Immediate temporary prosthesis on the upper

DIGITAL WORKFLOW

Data acquisition → **Merge Data** → **Design** → **3d Printing**

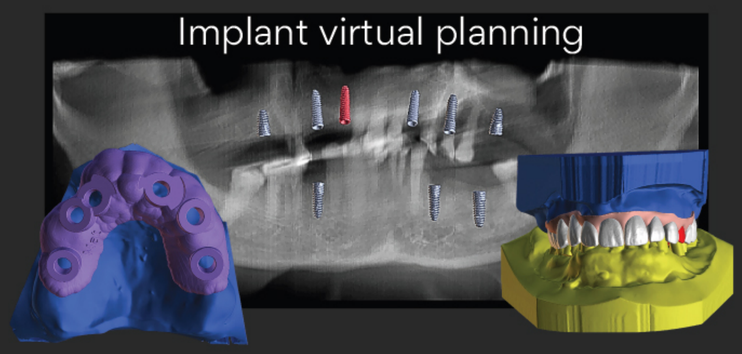
Intra-oral scan

CBCT



DICOM file + STL model

Implant virtual planning



Surgical guide

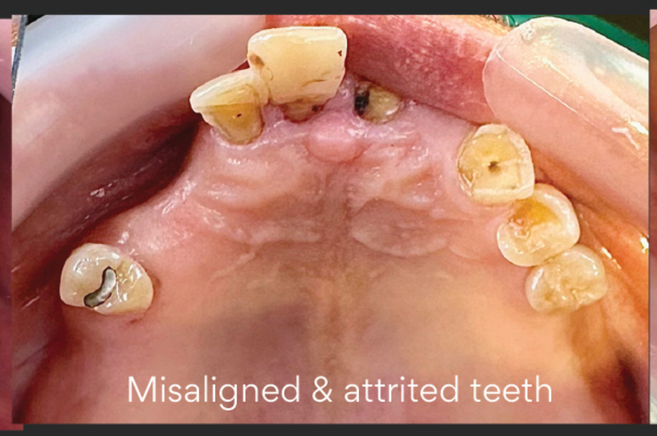
Temporary prosthesis

Temporary prosthesis

Surgical guide

Pre-op

Loss of vertical dimension

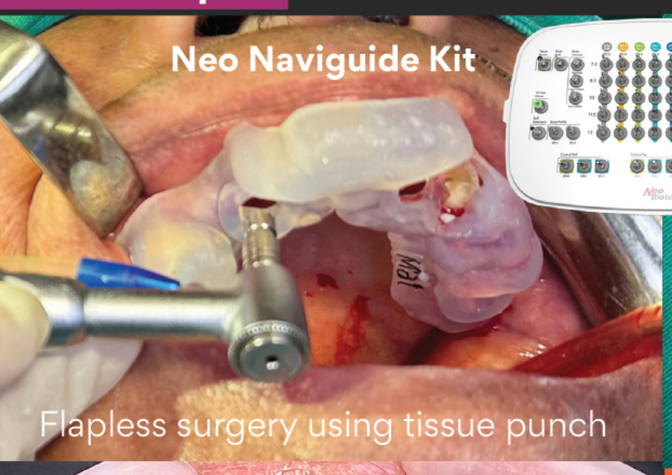


Misaligned & attrited teeth

Missing 34-36 & 45

Pre-op OPG

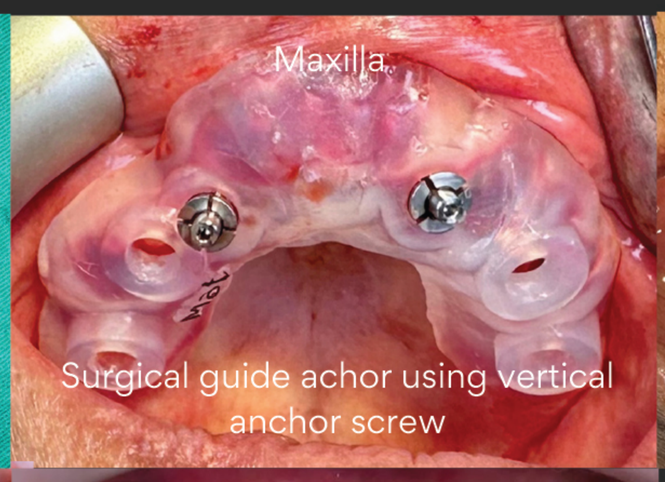
Intra-op



Neo Naviguide Kit

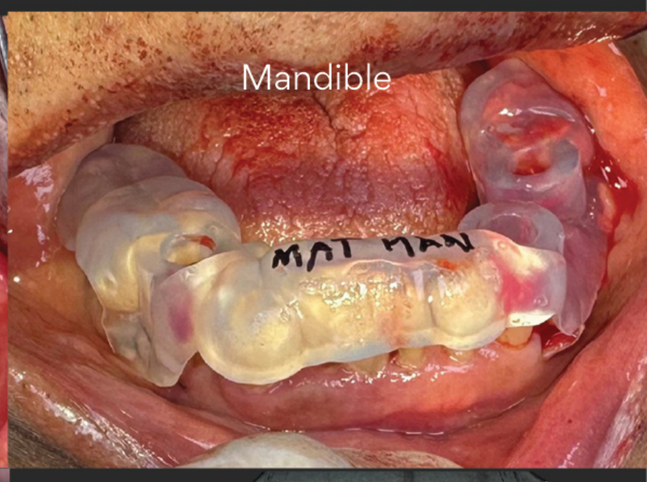
Flapless surgery using tissue punch

Extraction of all upper teeth

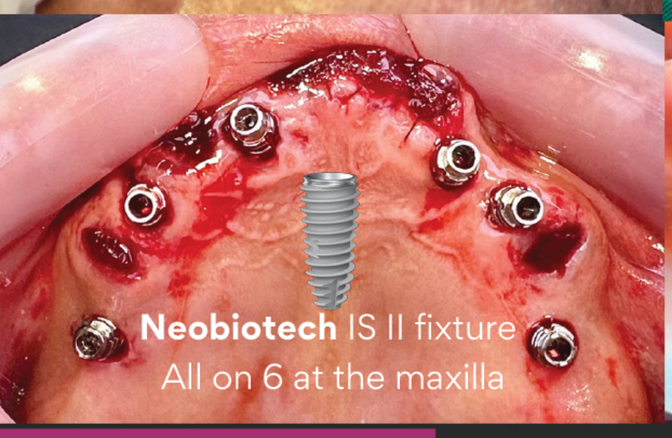


Maxilla

Surgical guide achor using vertical anchor screw



Mandible



Neobiotech IS II fixture
All on 6 at the maxilla

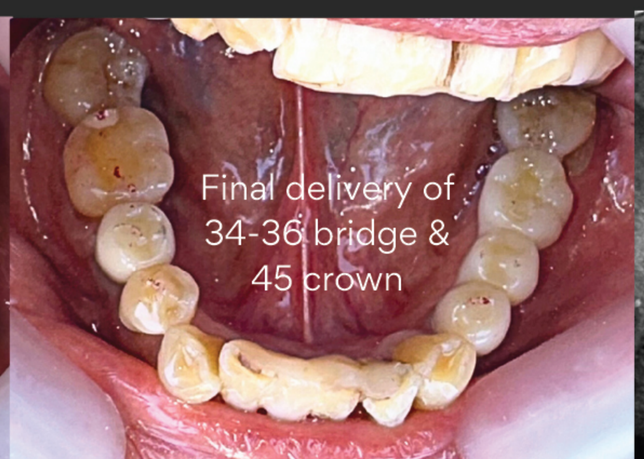
Neobiotech IS II at #34,#36 & #45

Provisional 3d printed prosthesis for maxilla to restore vertical dimension

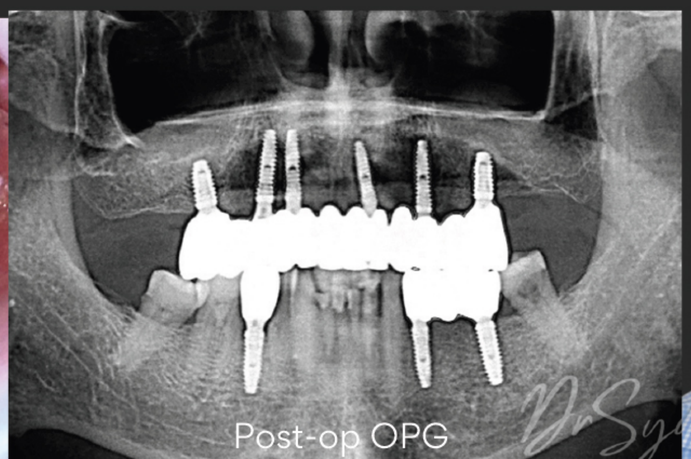
Final FP1 Zirconia Prosthesis

Post-op 3 months

Final delivery of FP1 Prosthesis



Final delivery of 34-36 bridge & 45 crown



Post-op OPG

Smile

Initial

Final