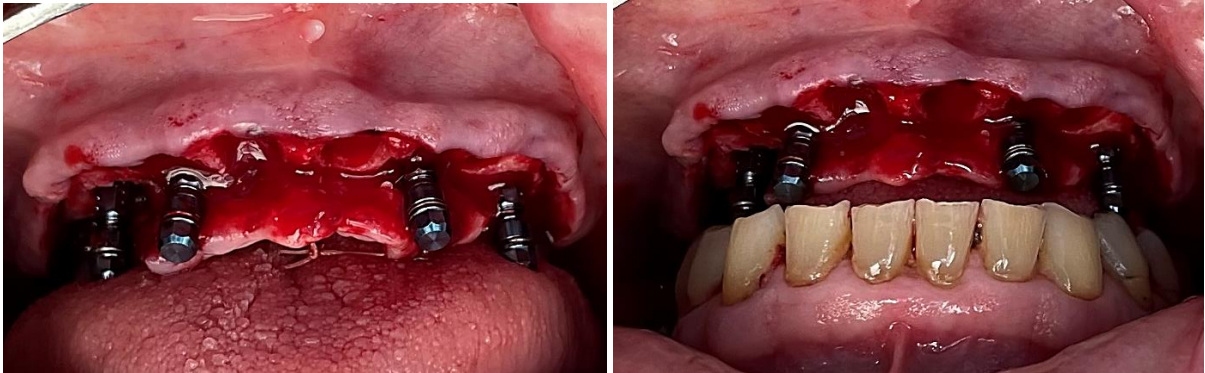


# CAPS: Complete Arch Pillar System

Case by Philippe Nuytens<sup>DDS, MSc, PhDs</sup>

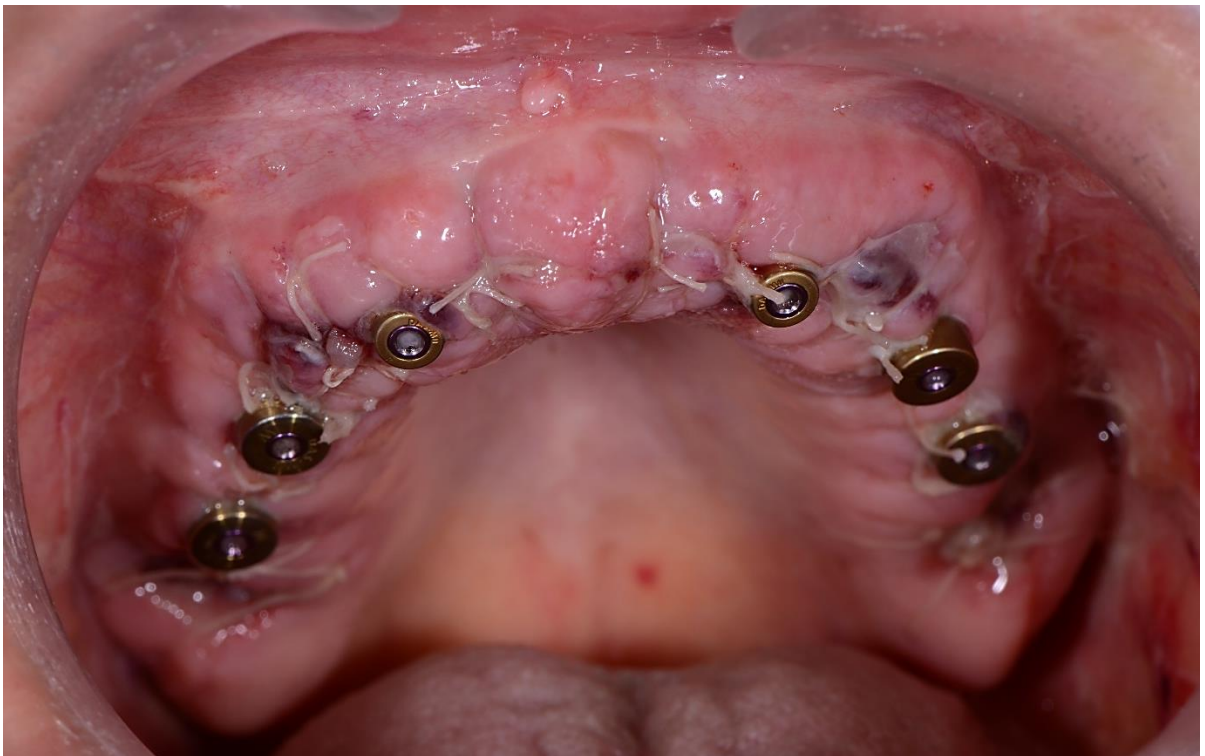
## STEP 1: IMPLANT SURGERY

- 6 BONE LEVEL IMPLANTS
- GUIDED DAS SURGICAL KIT
- IMPORTANT: Place implants perpendicular to antagonist arch



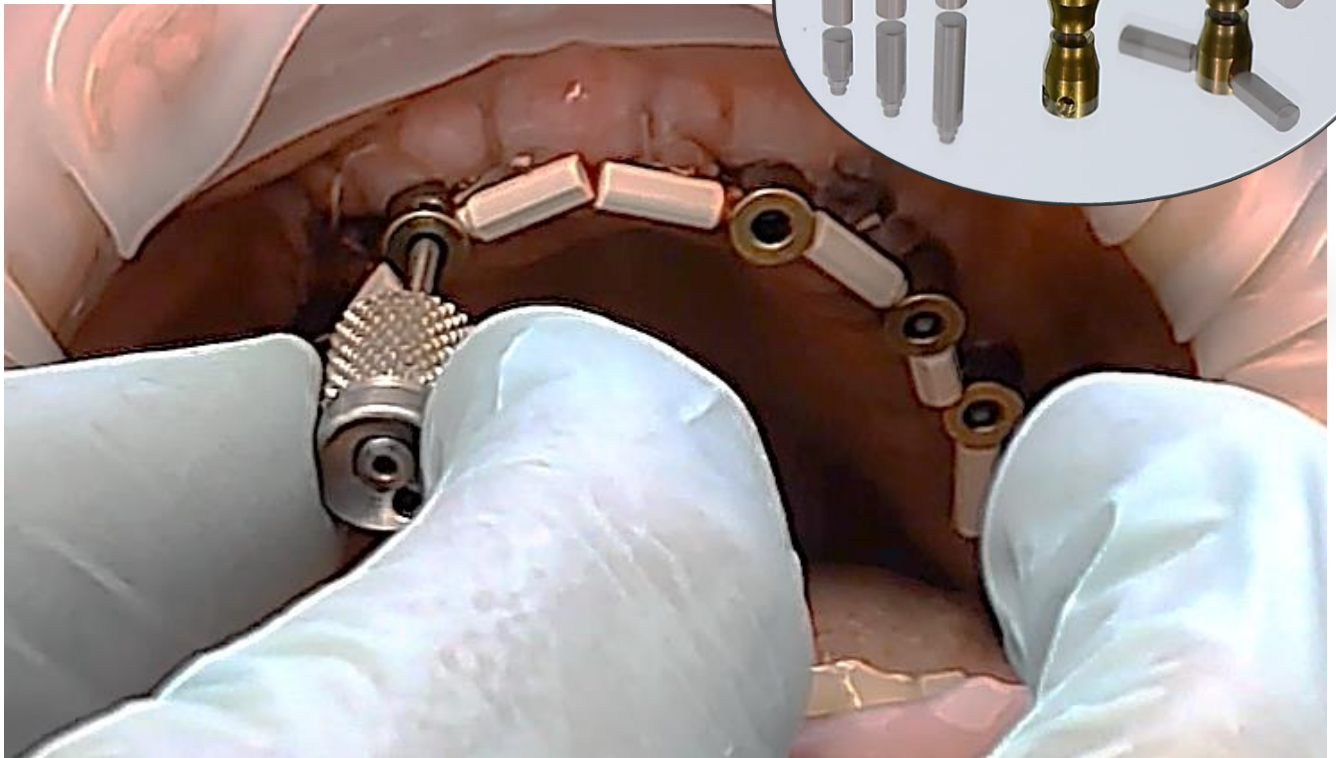
## STEP 2: DAS MULTI-UNIT installation + HEALING CAPS

- Use regular healing caps in anterior area
- Use wide healing caps in posterior area

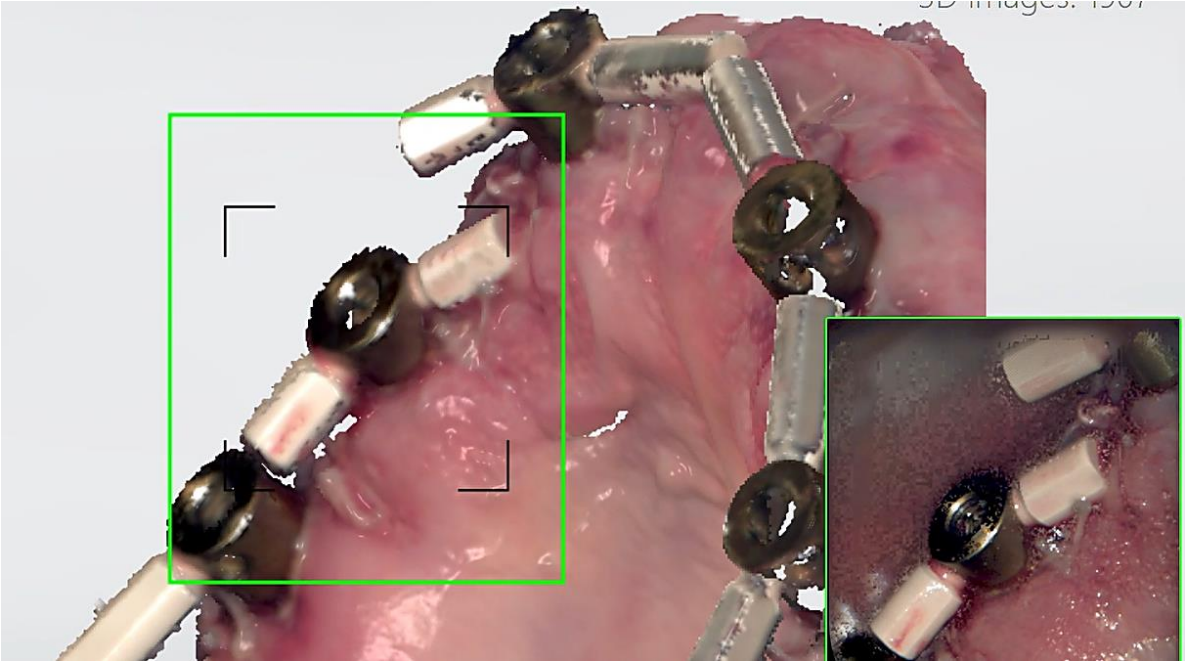


### STEP 3: REMOVE HEALING CAPS + INSTALL REFERENCE SCANBODY + PEEK PINS

- FIRST: Mount PEEK PINS to REFERENCE SCANBODY extraorally
- PEEK PINS: 3 Different Lengths: 6 – 9 – 13 mm
- INSTALL ASSEMBLED PARTS TO DAS MU-UNIT ABUTMENTS
- MAKE A CHAIN CONNECTION



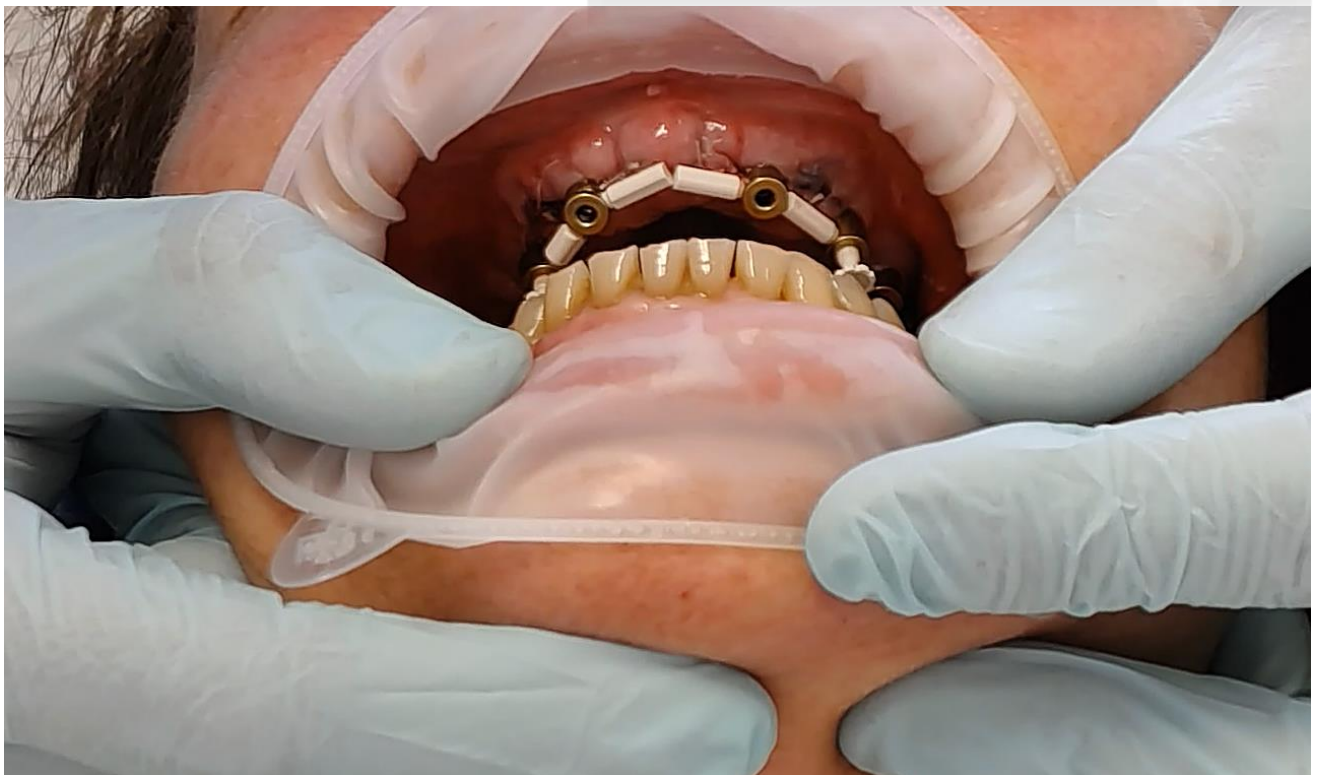
STEP 4: OBTAIN A MAXILLARY IOS SCAN AND AN ANTAGONIST SCAN



## STEP 5: CAPS PILLAR WORKFLOW



- 3 Different Heights: 3.8 – 6 – 8 mm

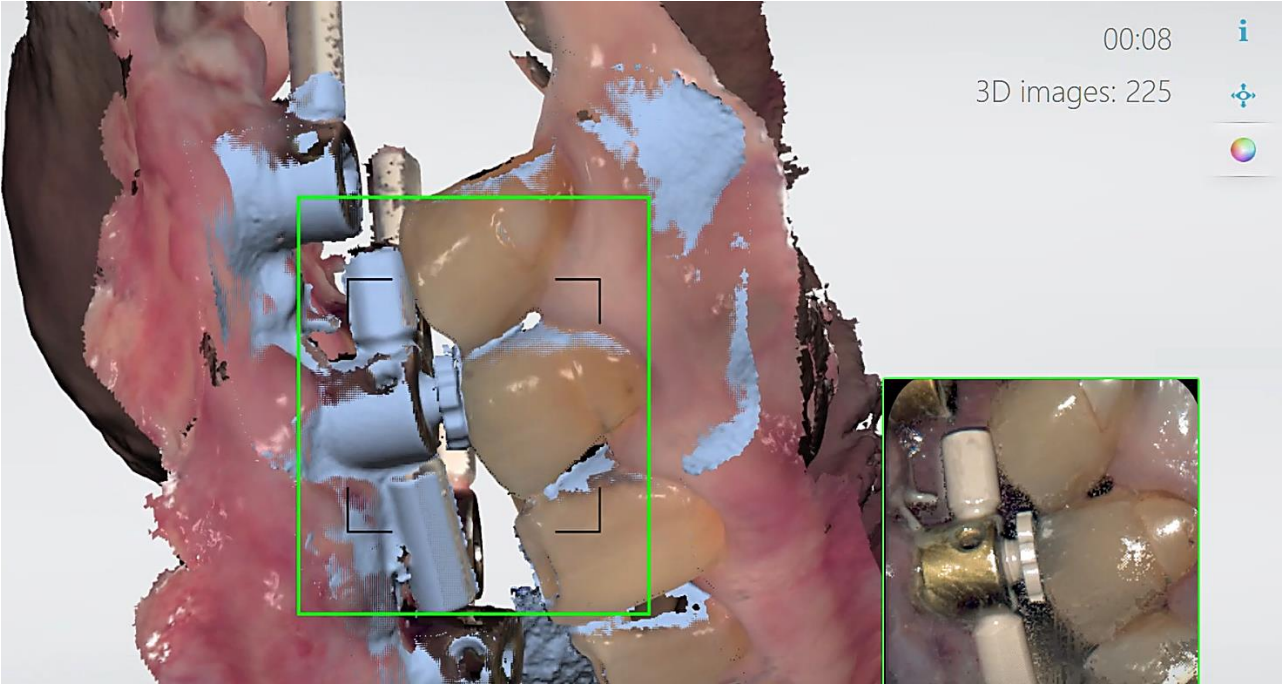


- Mount at least 1 CAPS pillar on EACH SIDE
- By screwing the CAPS pillar in or out the screw access channel of the REFERENCE SCANBODY, the patient's Vertical Dimension Of Occlusion is adjusted
- Ask the patient to repeat the closure path several times before obtaining Virtual Occlusal Records
- With use of the Bilateral Manipulation Technique, the patient's mandible is guided into centric relation

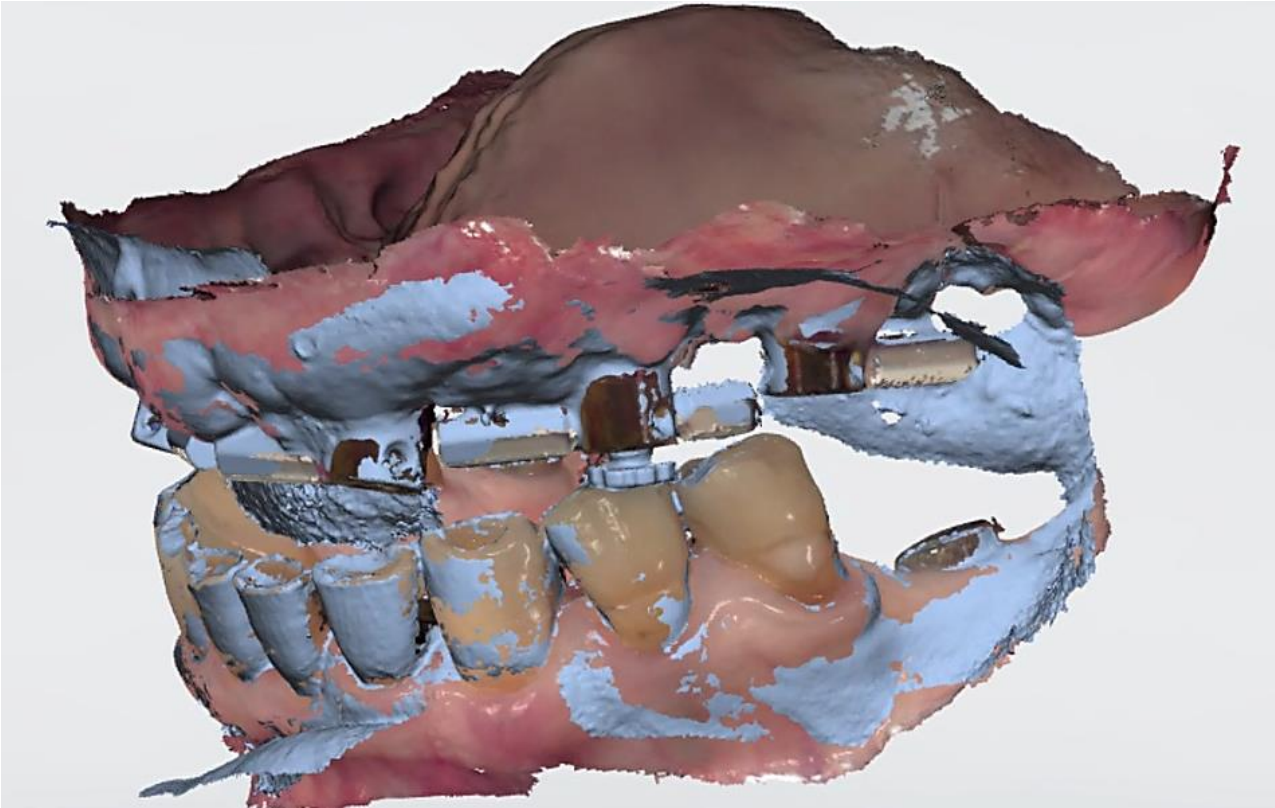


Note: in order to improve the stability of Virtual Occlusal Records Registration, more CAPS pillars could be mounted to multiple REFERENCE SCANBODIES in the edentulous arch. But, it is unnecessary to mount CAPS pillars to each REFERENCE SCANBODY

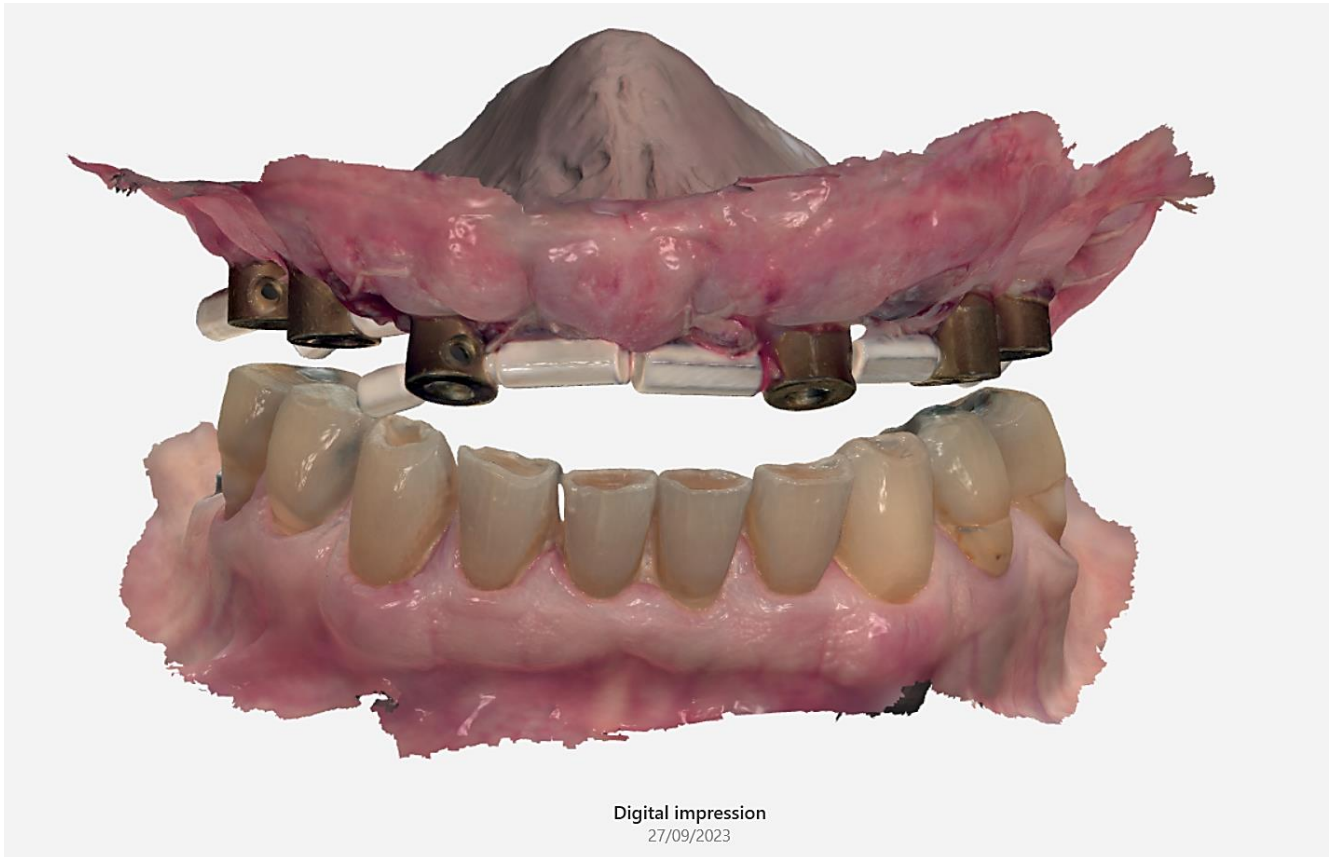
STEP 6: OBTAIN VIRTUAL OCCLUSAL RECORDS USING IOS



- VIRTUAL OCCLUSAL RECORDS are obtained using an IOS while the patient's mandible is guided into centric relation at the established vertical dimension of occlusion

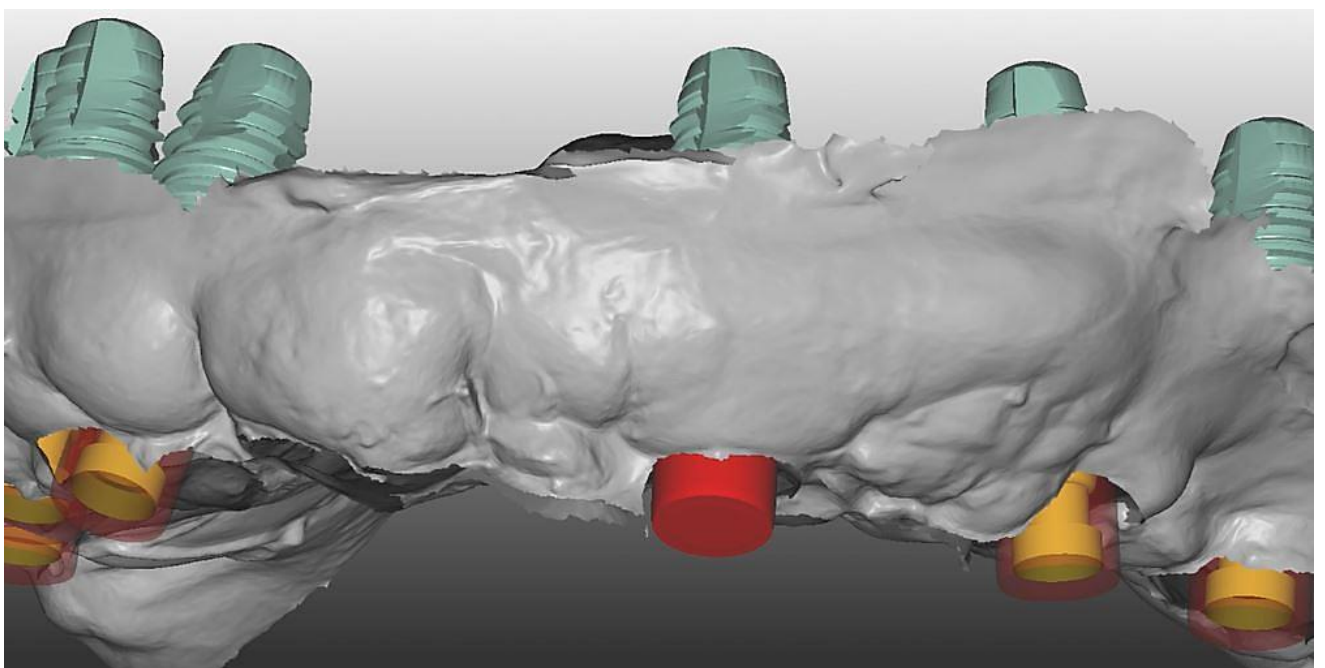


## STEP 7: SEND ORDER TO DENTAL TECHNICIAN

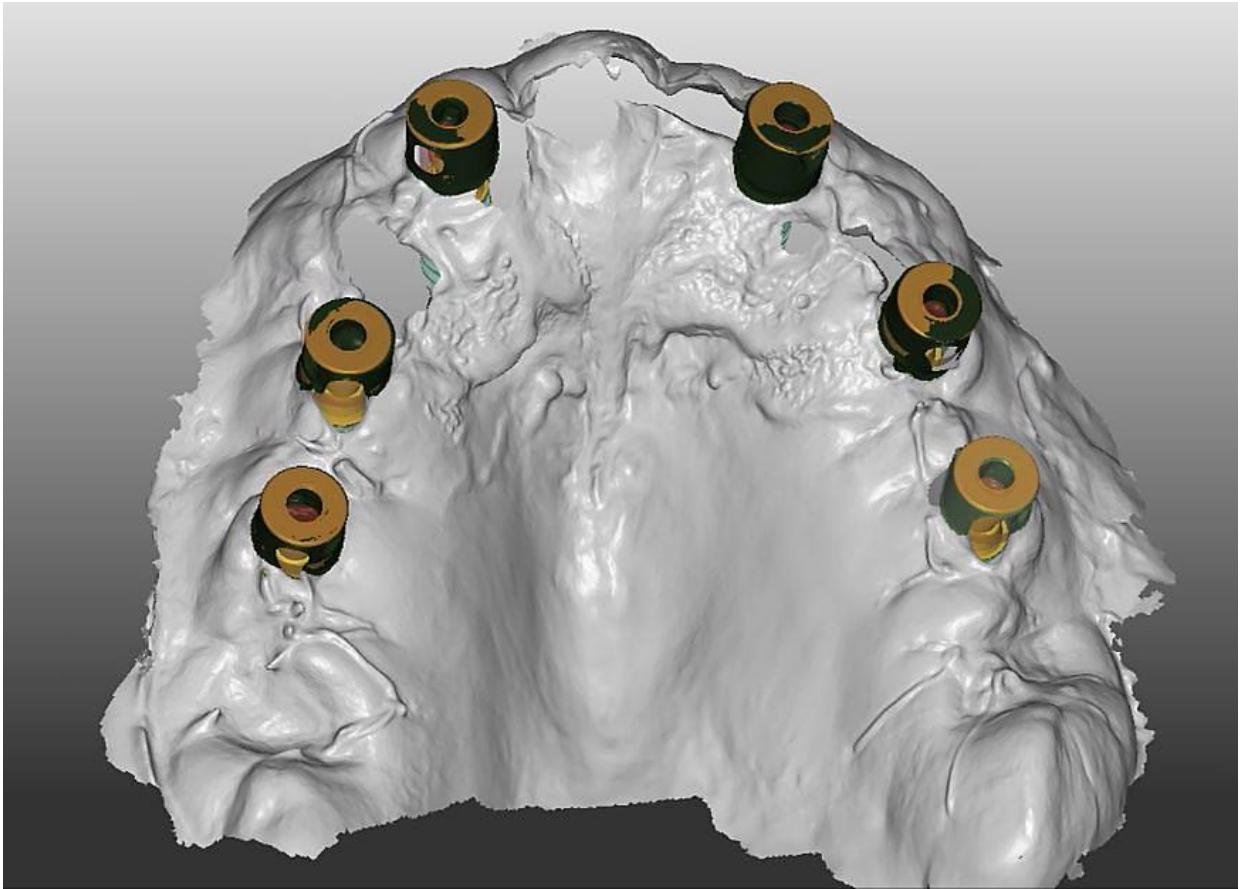


- IOS SCANS and VIRTUAL OCCLUSAL RECORDS are send to the dental laboratory

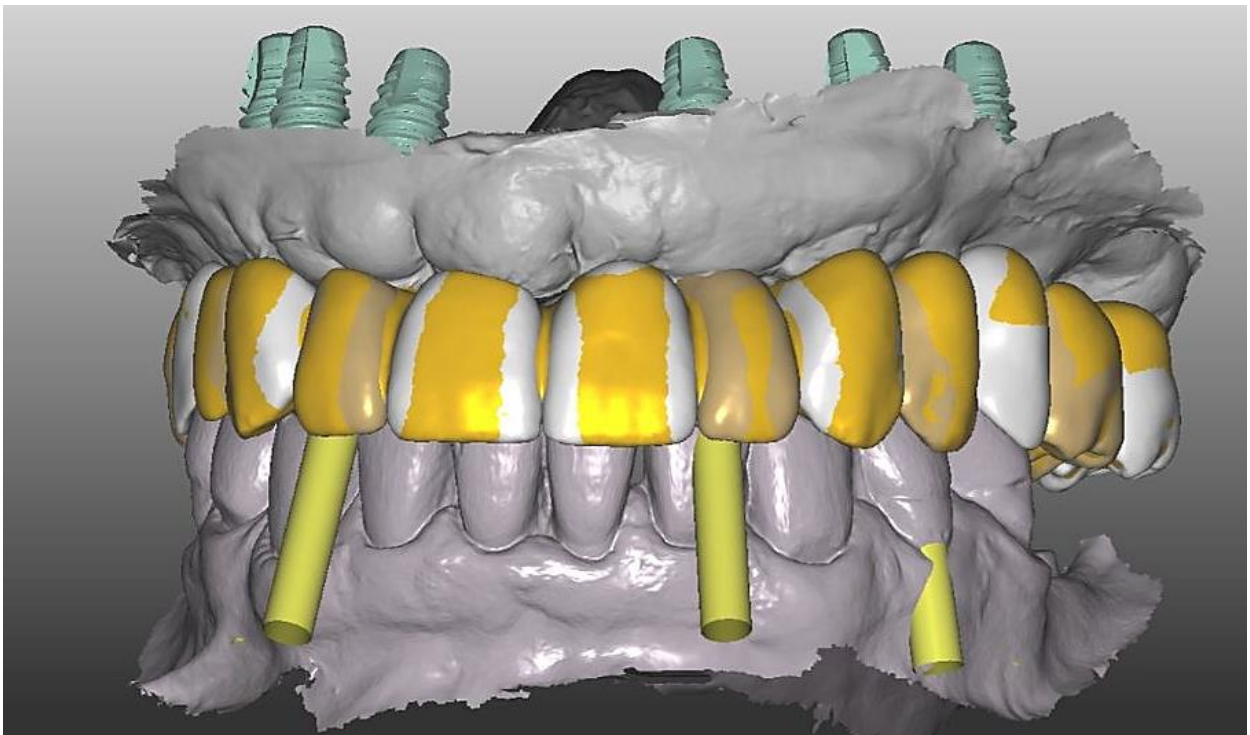
## STEP 8: DENTAL TECHNICIAN WORKFLOW- DENTAL LAB LEPOUTRE



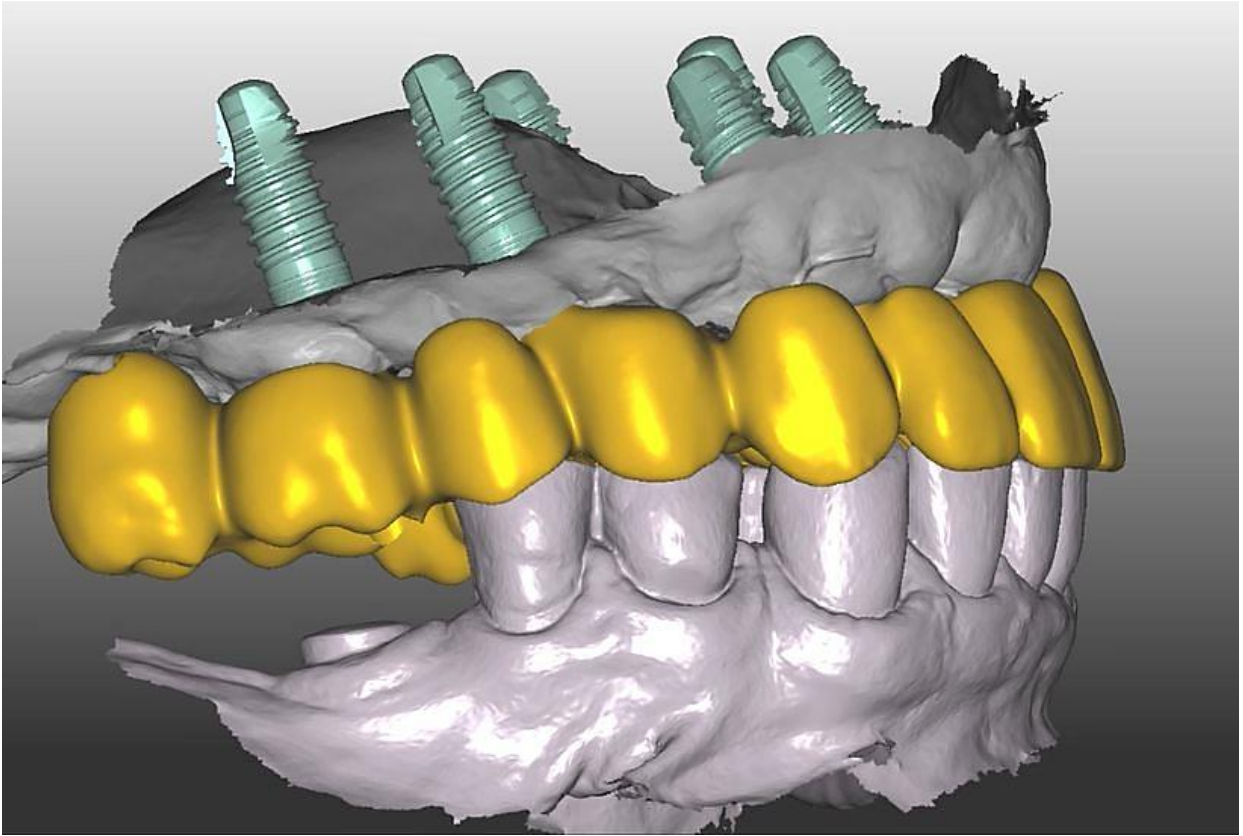
- SCANBODY LIBRARY FILE ALIGNMENT



- CAD/CAM IMMEDIATE FIXED FULL-ARCH IMPLANT PROSTHESIS







## STEP 9: INSTALLATION of IMMEDIATE FIXED FULL-ARCH IMPLANT PROSTHESIS



- Green screws for direct connection to DAS Multi-Unit abutments







- No adjustments needed for occlusion
- Optimal passive fit observed clinically



Patient was happy and felt no discomfort  
during the procedure with Complete Arch Pillar System