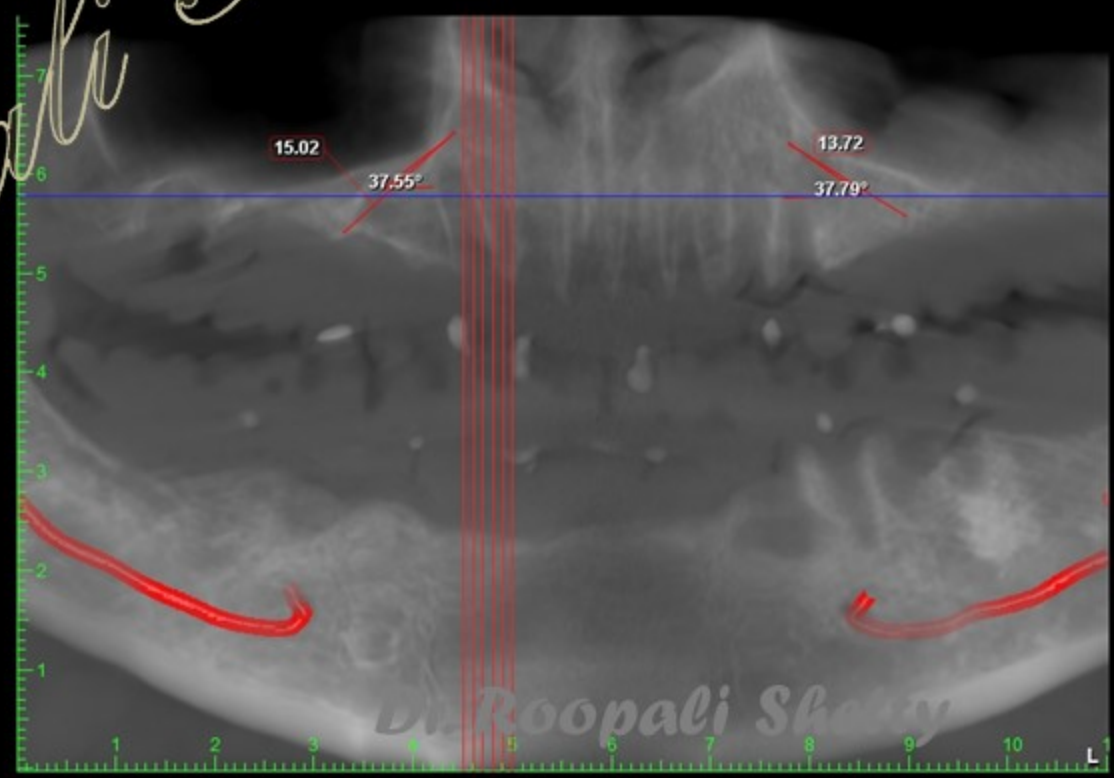


# Full mouth rehabilitation with implants...



*Roopali Shetty*



## Steps in fixed prosthesis fabrication:

### Evaluation of problems in Current Complete dentures:

- Evaluation of Smile Line
- Evaluation of Vertical Dimension
- Minor discrepancies in fit can be neglected as the dentures will be converted to a fixed implant retained prosthesis post surgery

Duplication of dentures , marking the Strategic implant positions in a radio opaque material, Sending the patient with the duplicated dentures for a CBCT

Finalising Implant positions after thorough CBCT evaluation

Using surgical stent for surgery

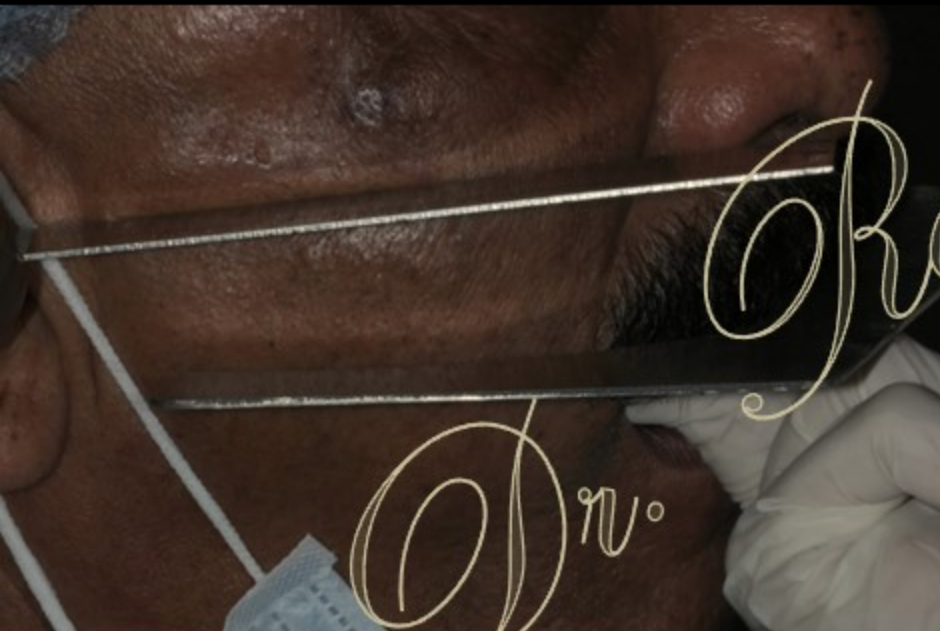
Implant placement in upper and lower arch

Conversion of existing prosthesis into Fixed implant retained Cross arch stabilised prosthesis.

## Evaluation of problems in current dentures

Checking the cause for posterior open bite in current dentures

Fox plane evaluation



*Roopali Shetty*

# Correction of posterior open bite...

PRE



POST

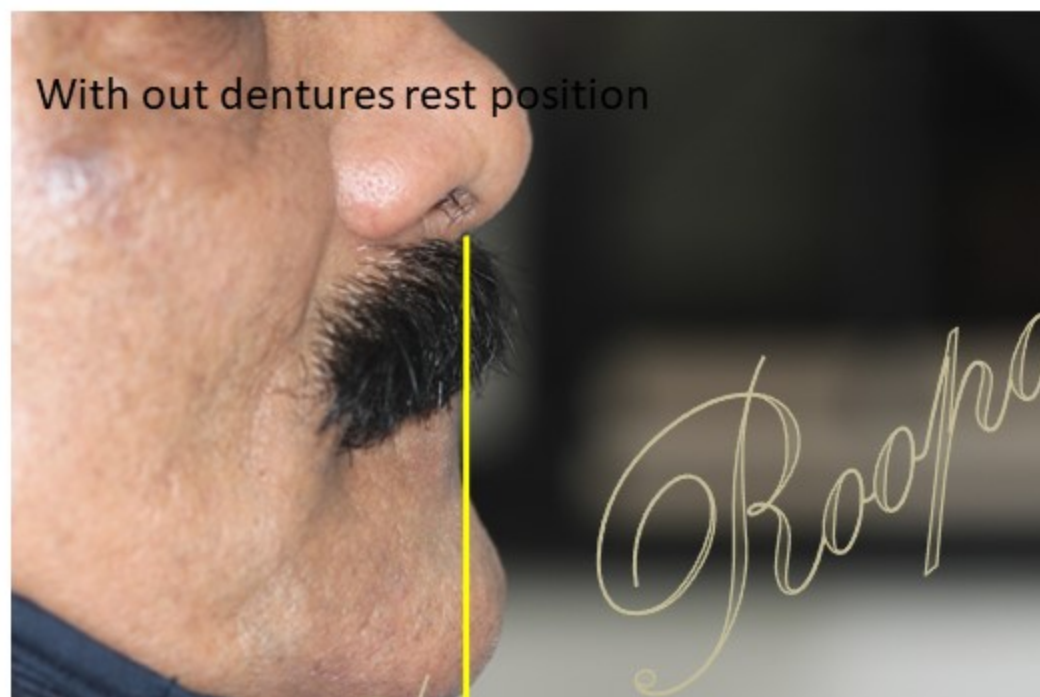


*Roopali Shetty*

# Evaluation of:

Vertical dimension-Pronunciation of "M"

Lip fullness



*Dr.*

## Bite registration

Mark the midline

Canine lines

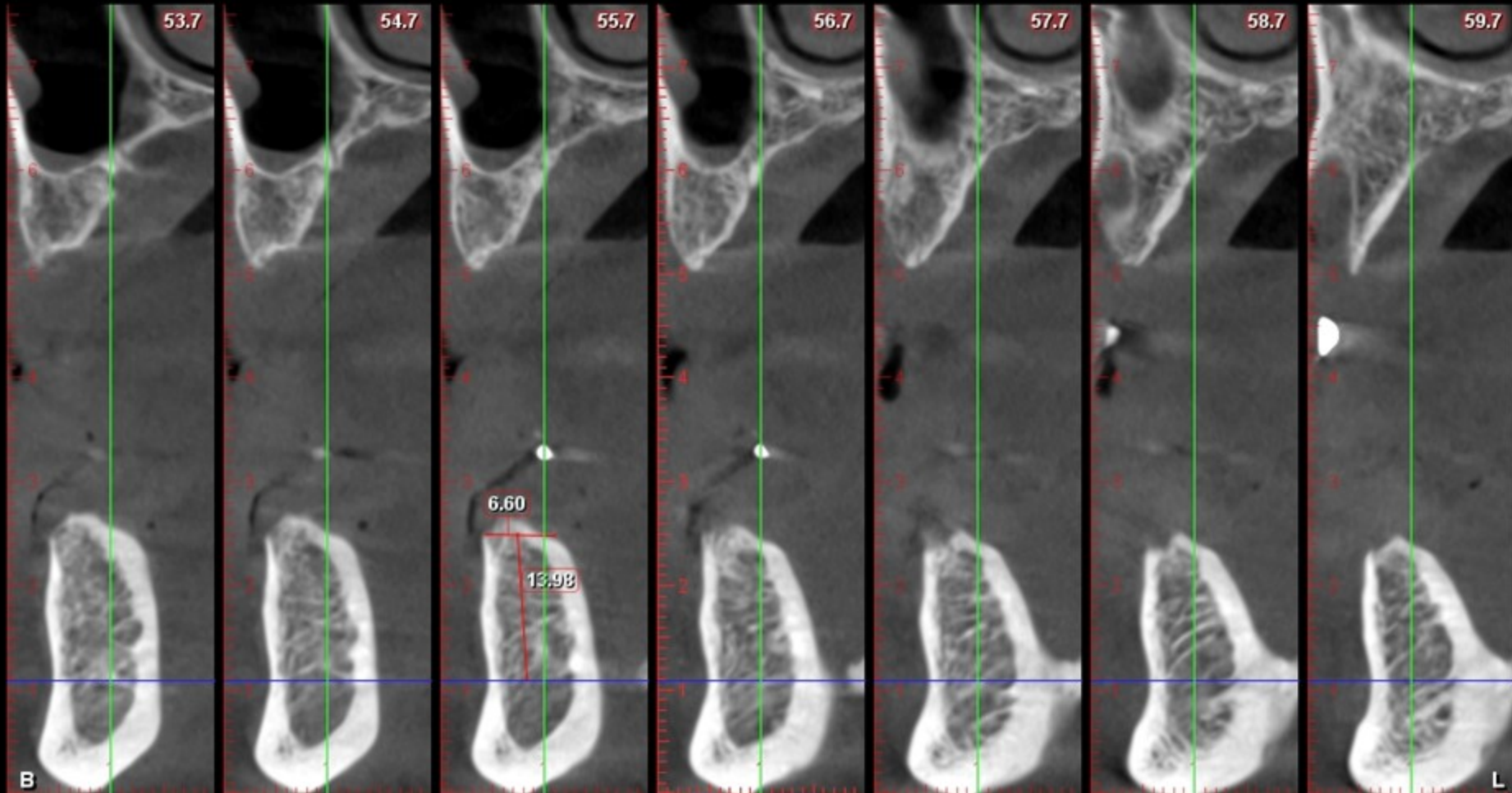
Low smile line

High smile line



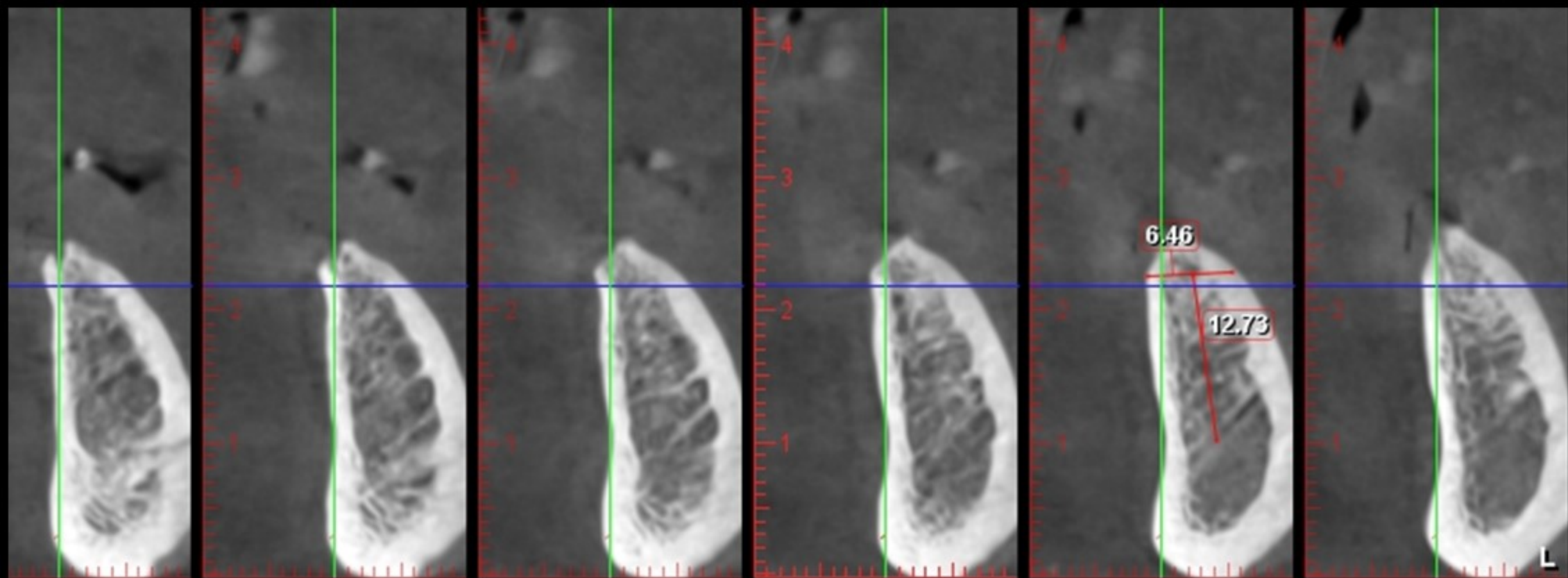
44 area 5mm from distal margin of previous 43 implant.

Just below the fresh extraction healing socket is the loop of the nerve. Buccal bone is sloping and nerve exit to buccal dont place implant there.



33 area 6mm distal to marked gp area, scale 82

Implant size: 4.0X 13mm

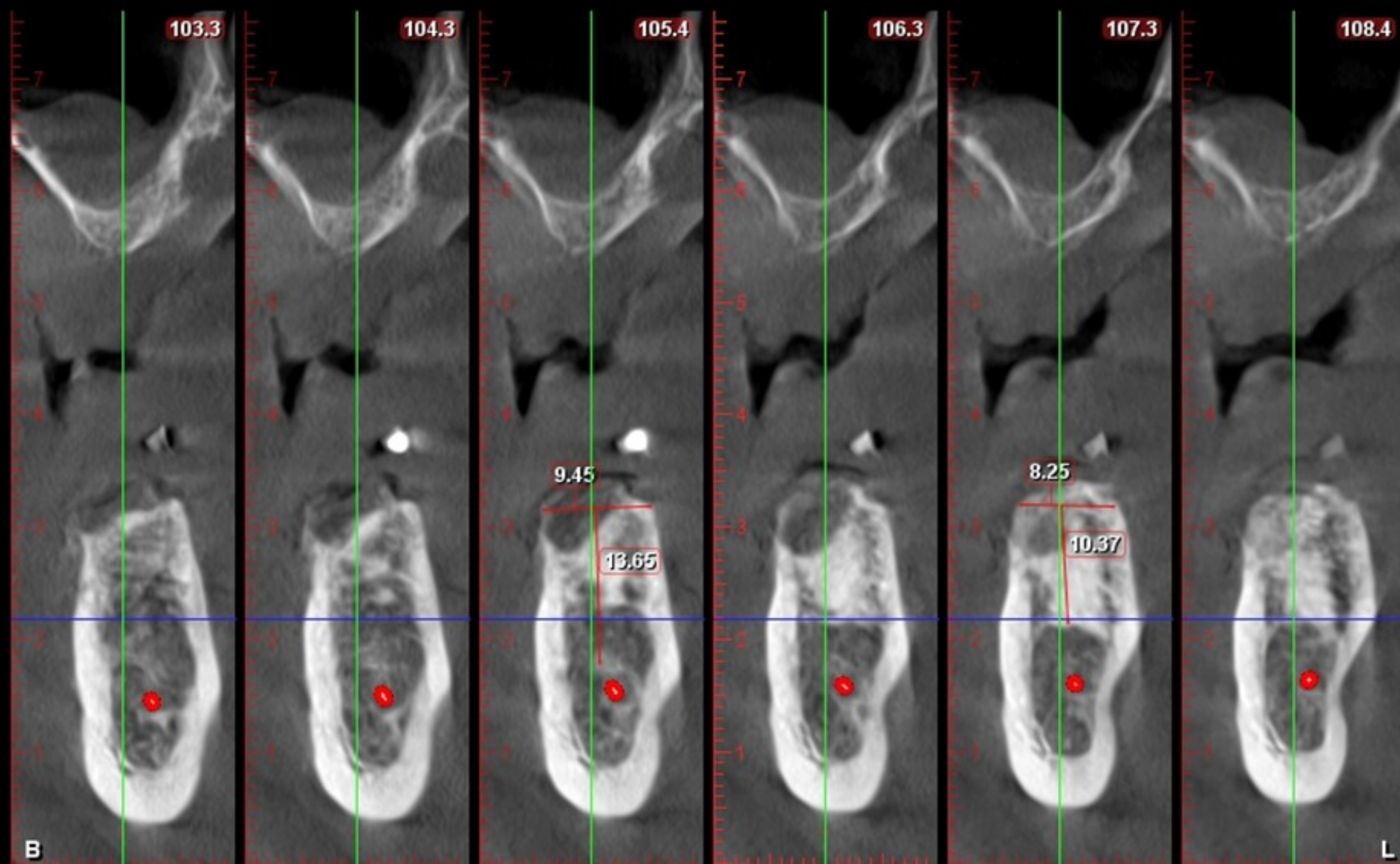




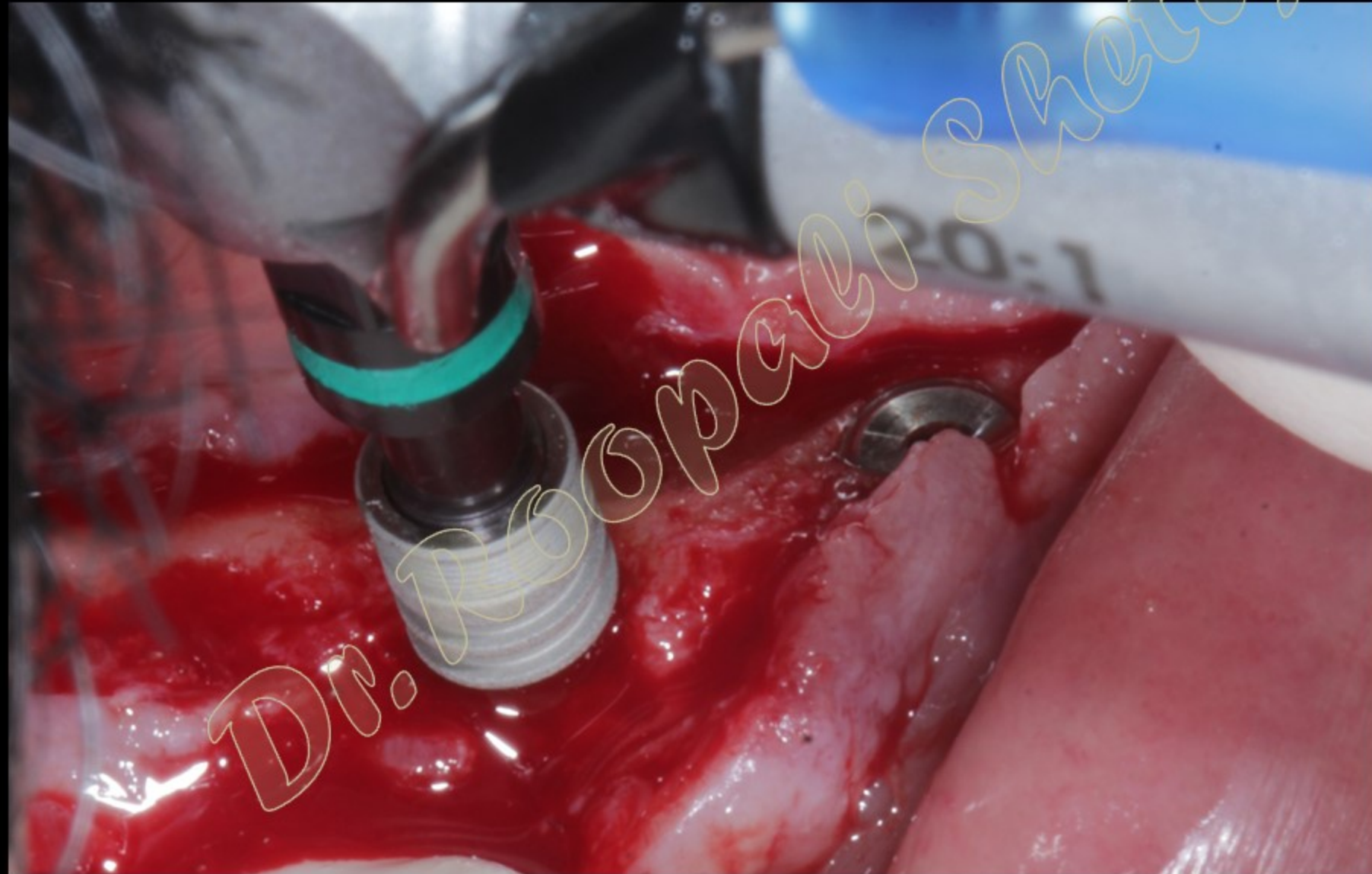
36 central pit,

Implant size: 5.0X 10mm

Better to place in the interradicular bone to avoid the area of osteosclerosis



# Implant placement in 44 region



Dr. Roopali Shetty

### Pre treatment History:

Recent total extraction at some other dental clinic.

Dentures were fabricated by the other dentist, patient was unhappy with the removable complete dentures and wanted a fixed prosthesis. Patient felt the inference of the plate during speech and was unable to enjoy his meals. Lower denture was mobile during speech and this was very annoying to the patient.

Treatment plan-

Fixed Prosthesis in both upper and lower arch using Implants



## Evaluation of problems in current dentures

Smile line evaluation:

Visibility at rest

Visibility on smiling



## Evaluation of problems in current dentures

Posterior open bite

Vertical dimension at rest and occlusion were good.



# CBCT evaluation of the existing jaw architecture...



*Roopali Shetty*

Strategic positions  
for future implants

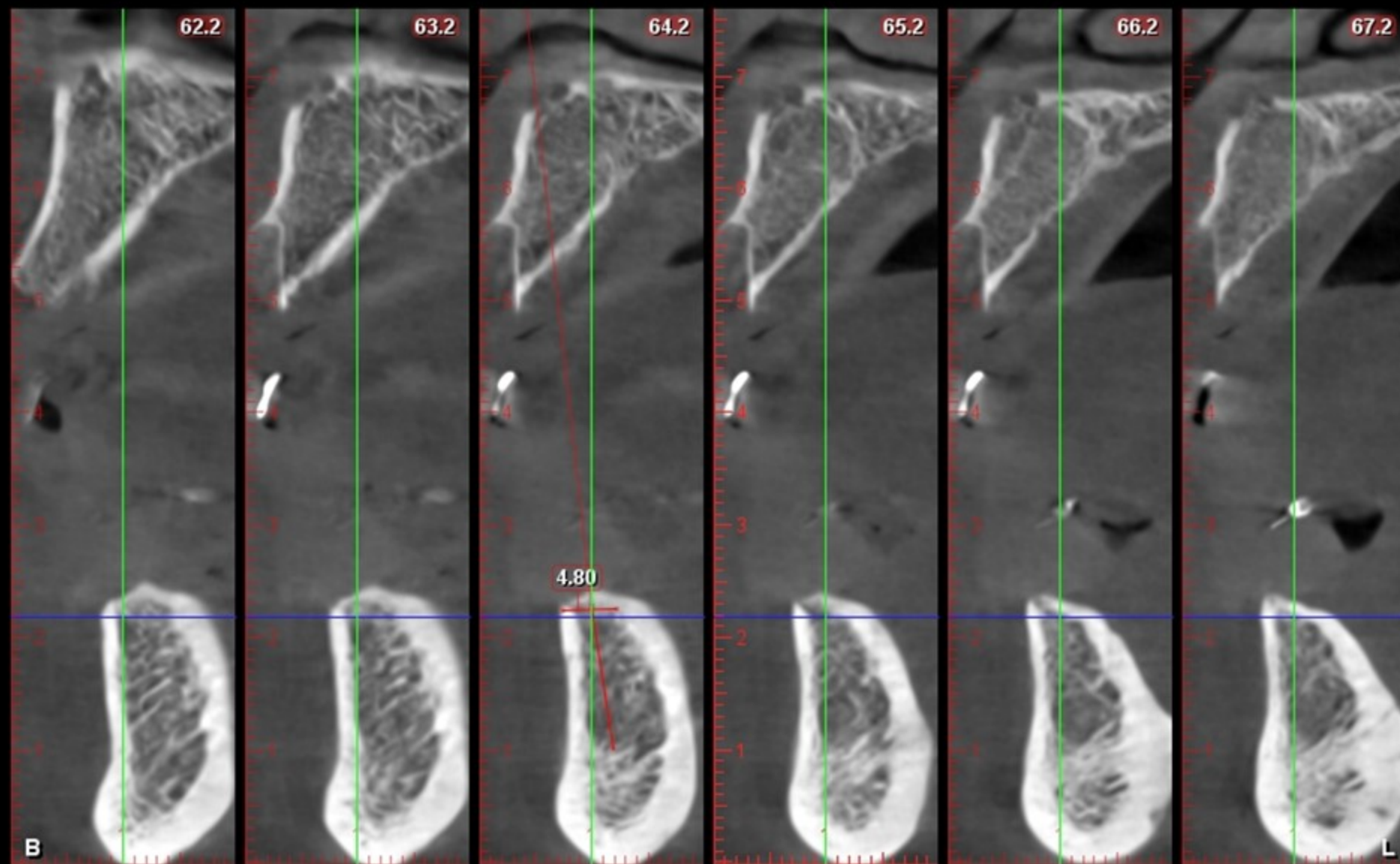
*Dr.*

## Fabrication of new dentures:



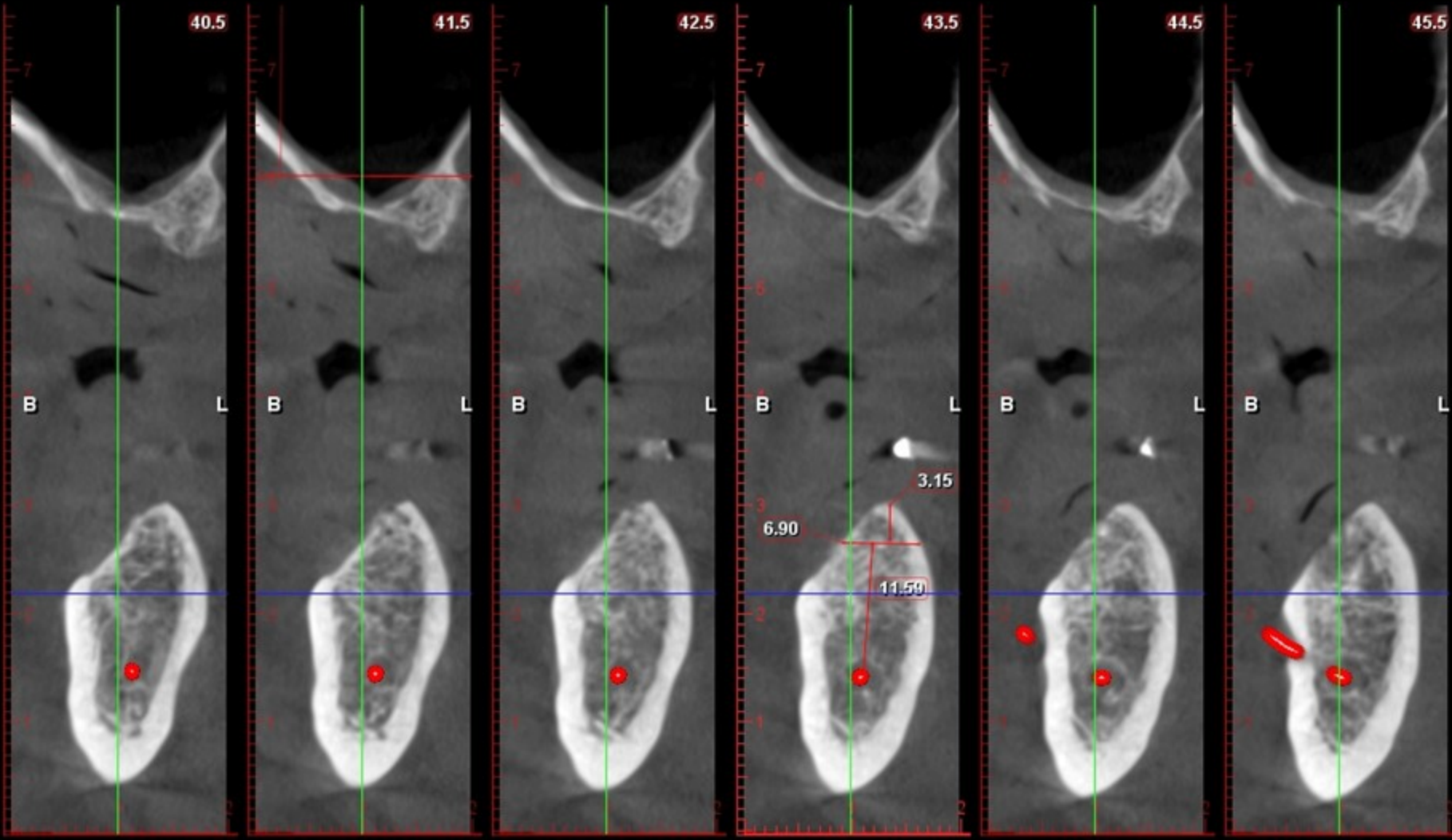
Dr.

43 area 64.2, place 4.0X 13mm implant  
Place the first drill 4mm from marked Gp area.

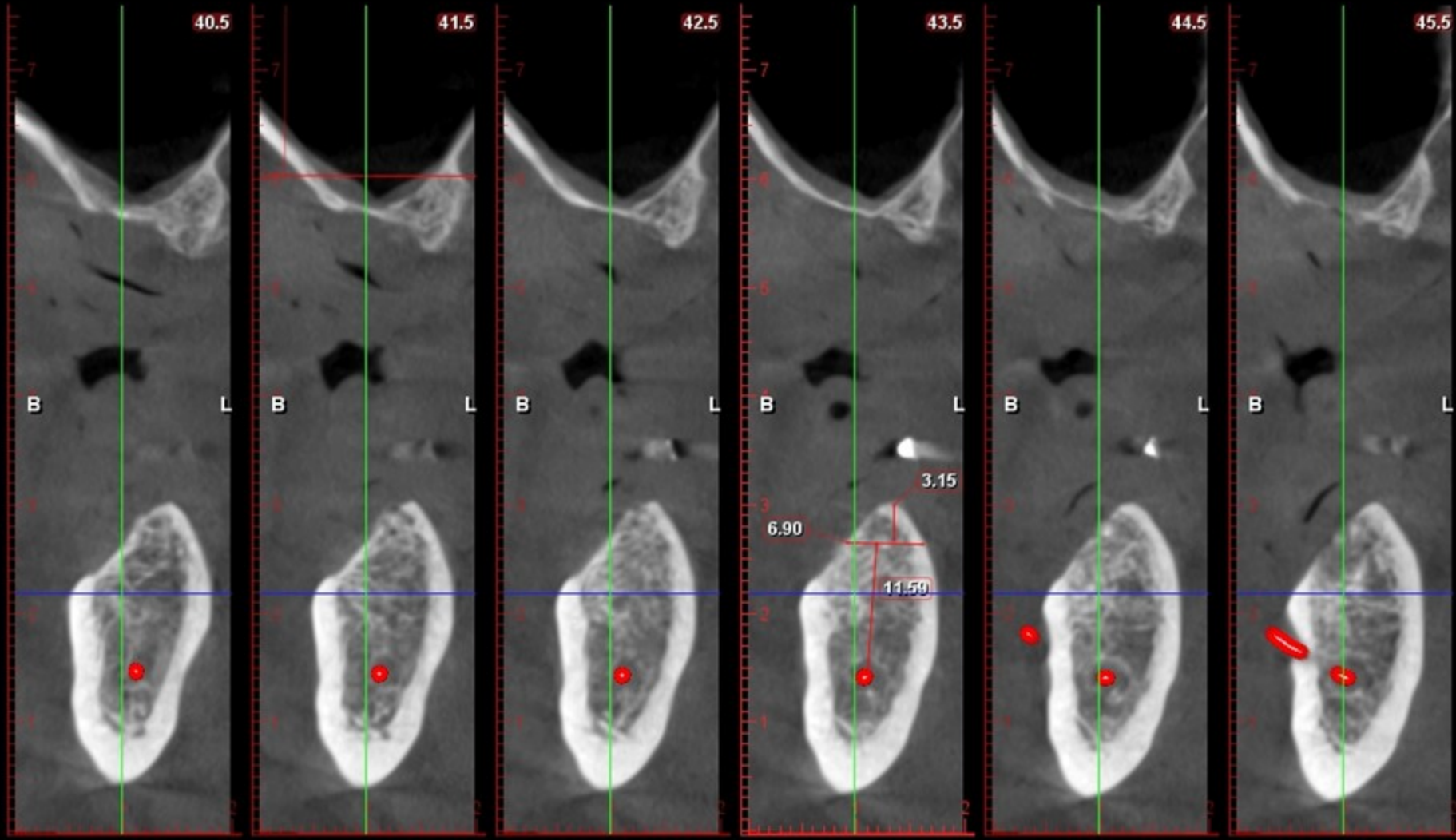




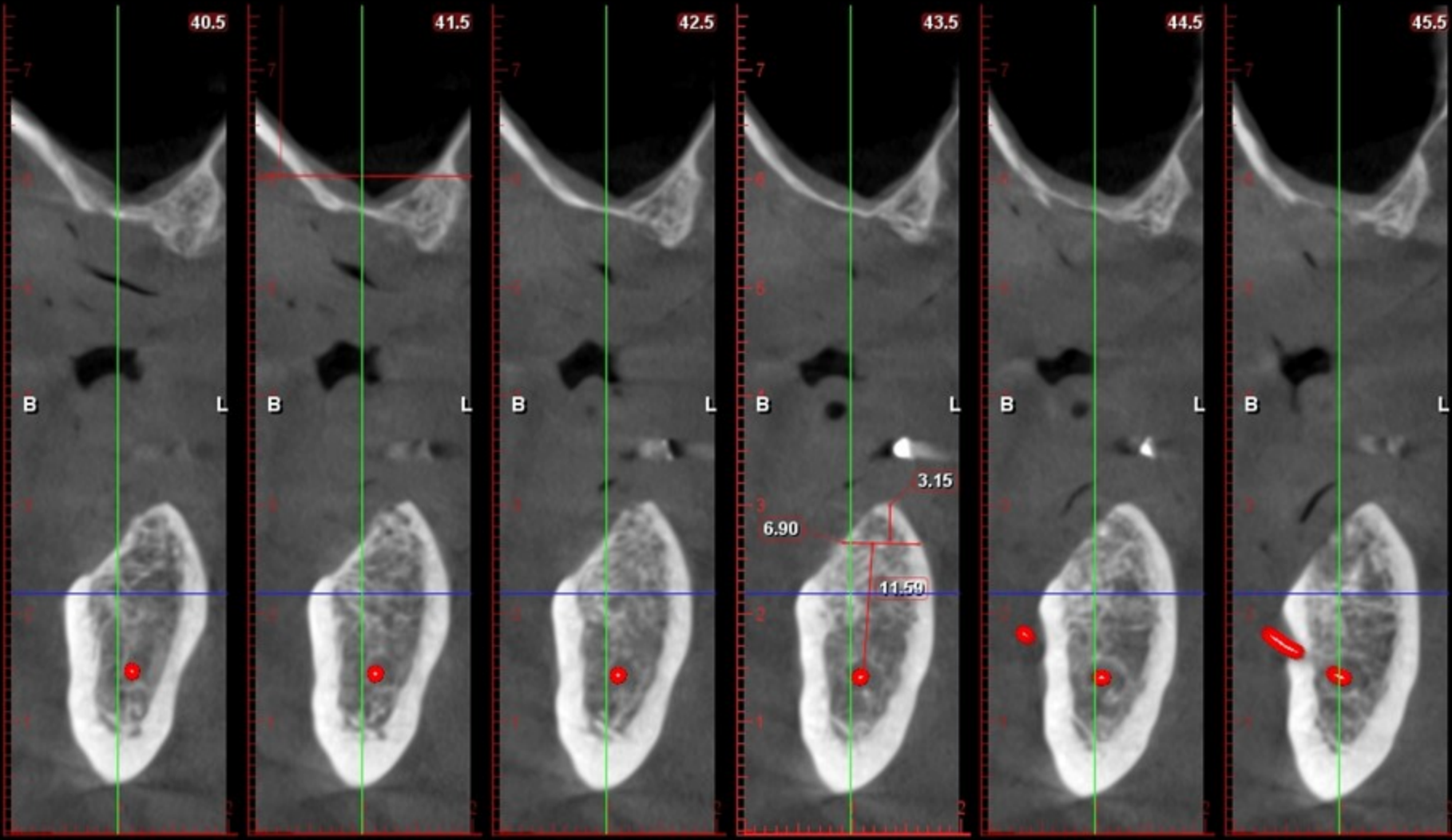
46 area 10mm from distal margin of previous 44 implant. Implant size - 4.0X10mm



46 area 10mm from distal margin of previous 44 implant. Implant size - 4.0X10mm



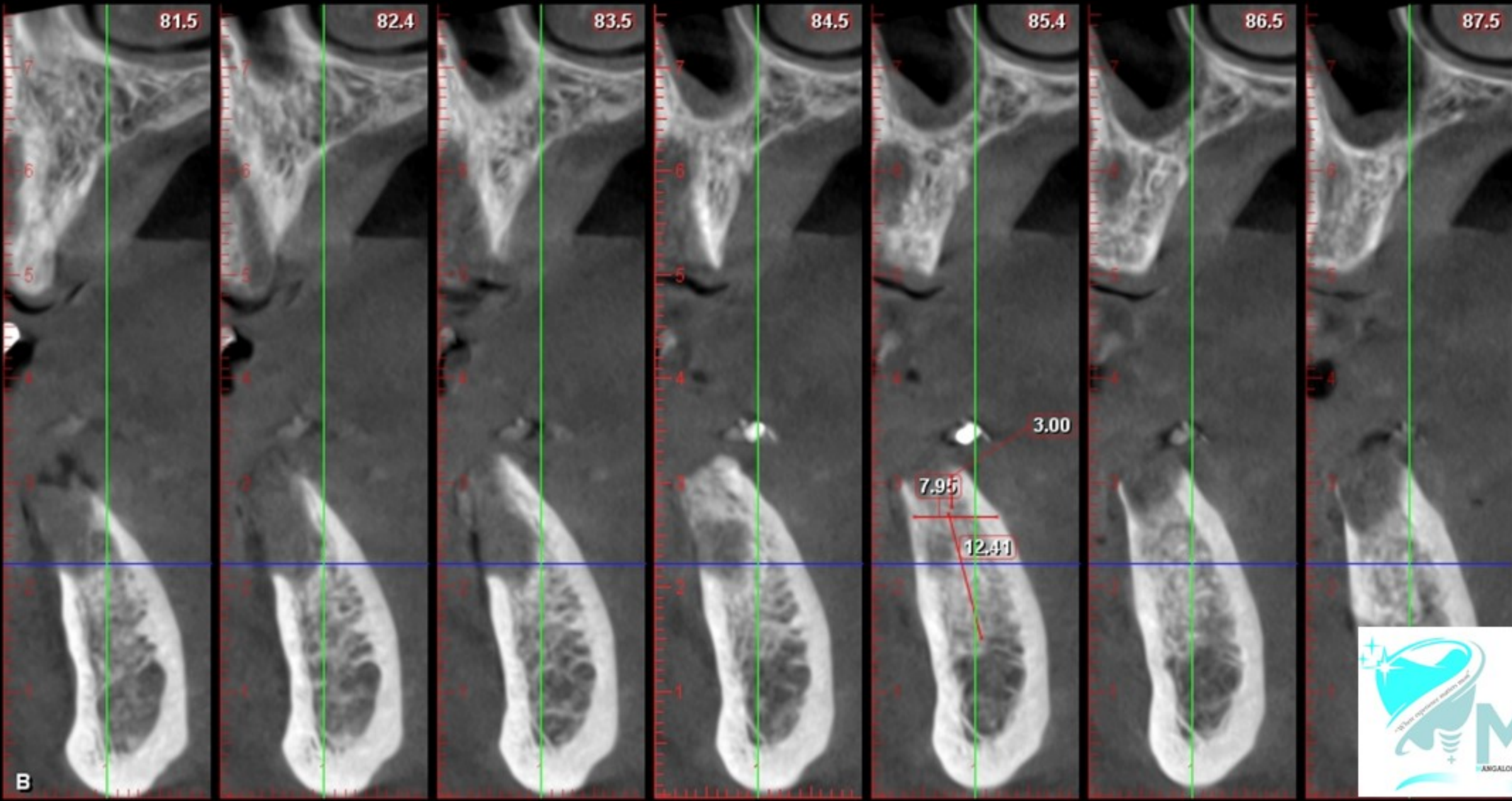
46 area 10mm from distal margin of previous 44 implant. Implant size - 4.0X10mm



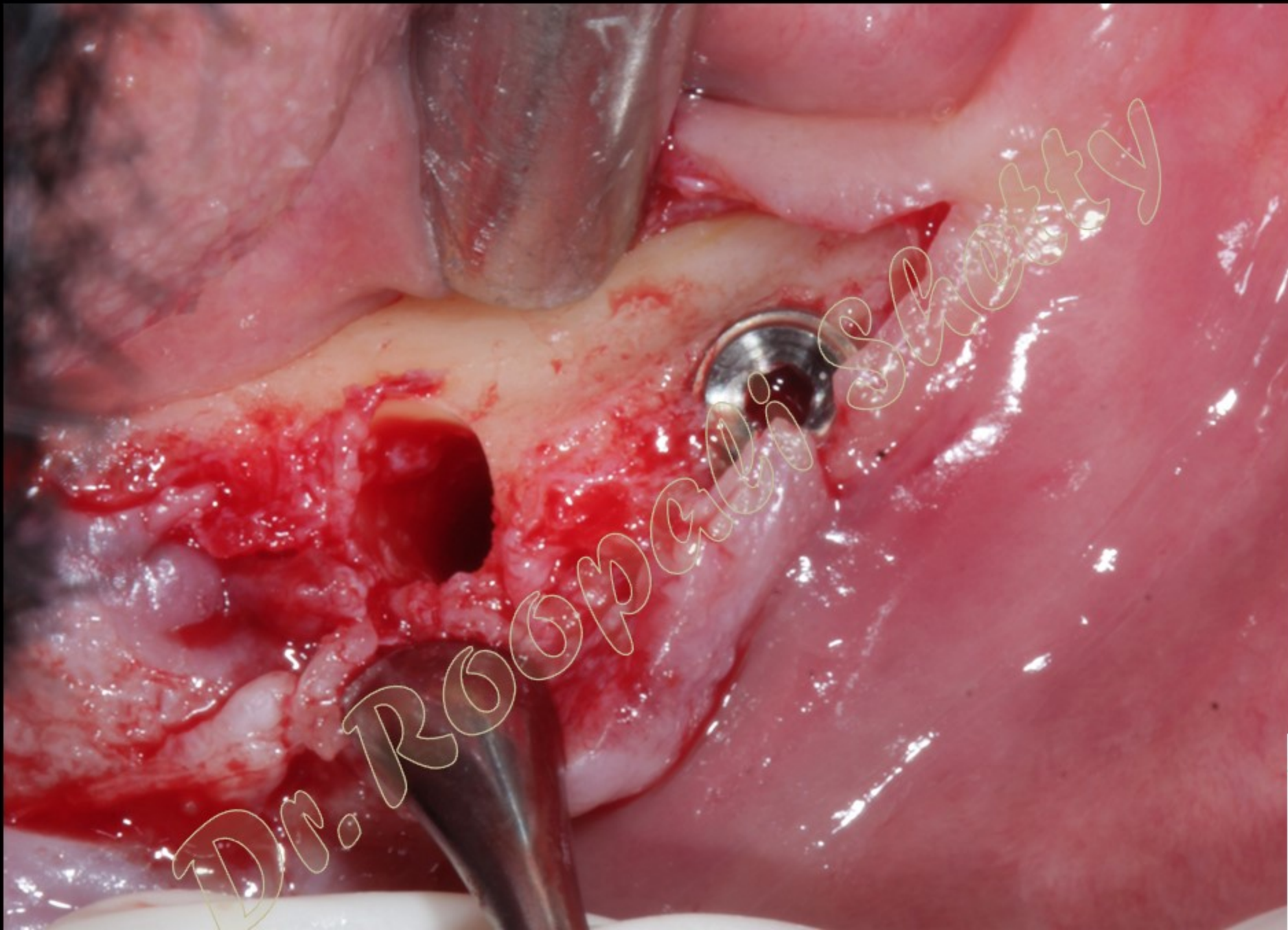
34 central pit of 34 tooth , it is a fresh extraction socket 2mm of occlusal trimming required

Implant size: 4.0X 11.5mm

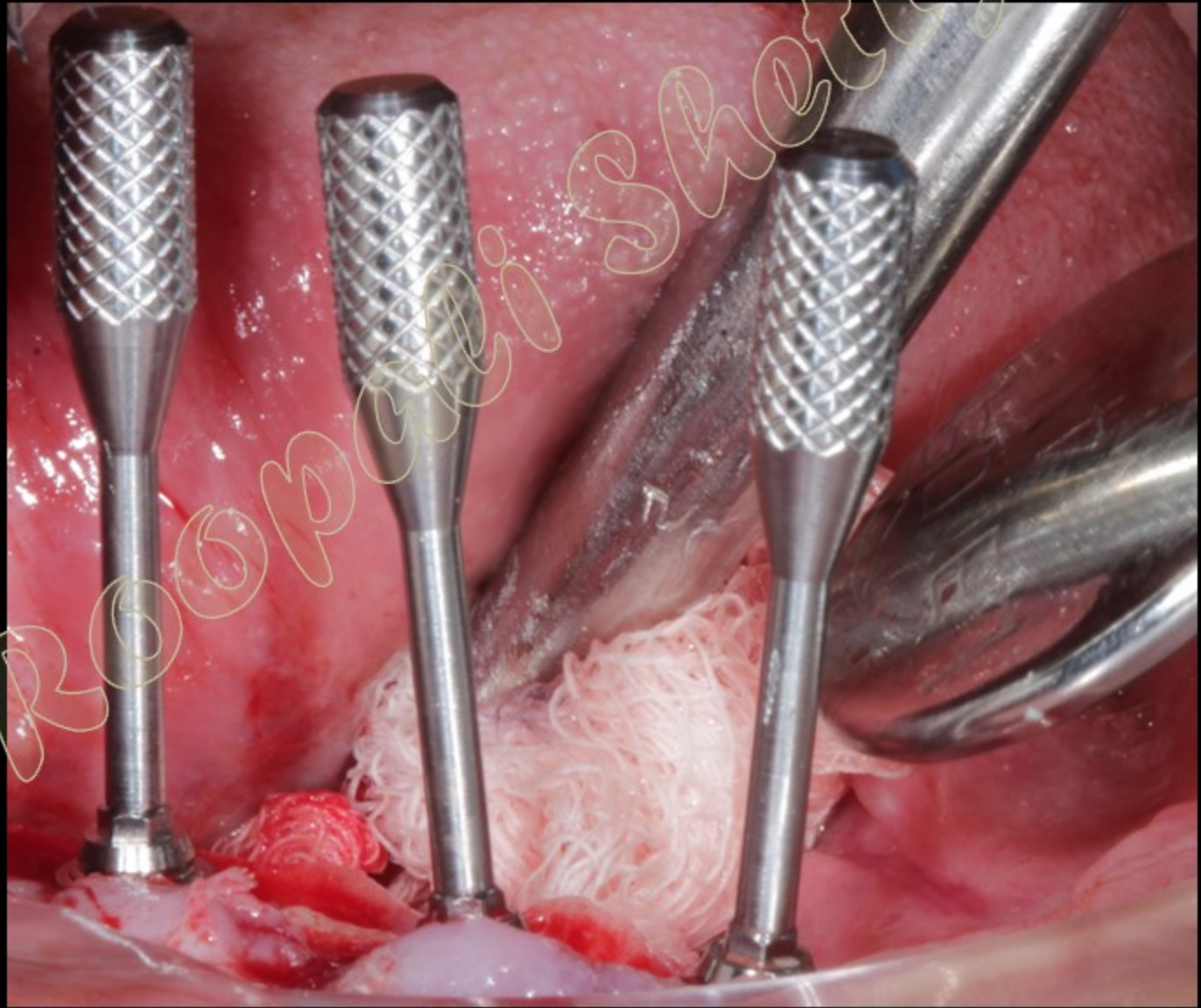
Table the bone posterior to this implant to give interocclusal clearance



Implant placement in 4<sup>th</sup> quadrant



# Checking for parallelism of implants placed in 4<sup>th</sup> quadrant



Dr. R. S. P. S. Sketty