

CASE NO 35

DIRECT AND INDIRECT SINUS LIFT WITH IMPLANT WRT 16

PATIENT NAME: Mr. S. T.

AGE: 38 years

GENDER: M

OPD NO: 203441

DIAGNOSIS: Dental biofilm induced generalised gingivitis with Intact periodontium with edentulous space w r t 16.

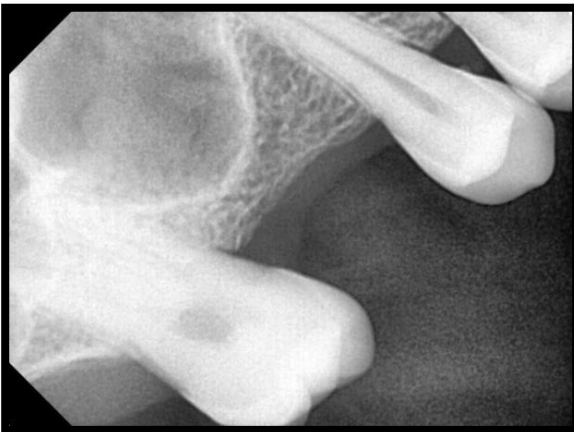
TREATMENT DONE: Direct sinus lift with lateral antrostomy procedure with 16 and delayed implant placement with 16. Indirect sinus lift with immediate implant placement.



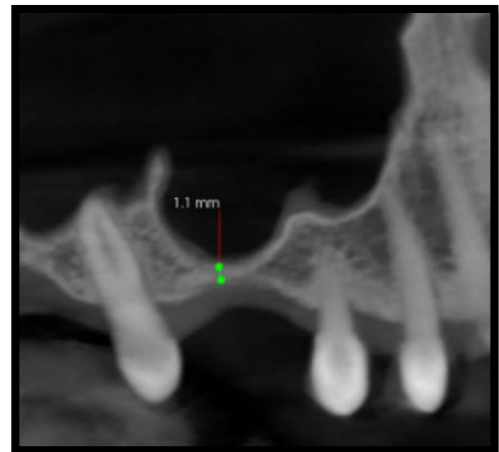
RIGHT LATERAL VIEW THE SURGICAL SITE WITH 16



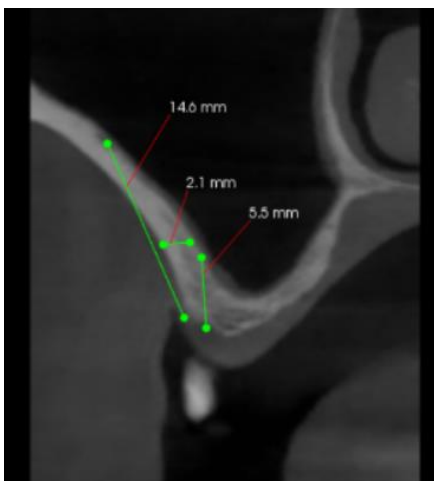
PALATAL VIEW OF SURGICAL SITE



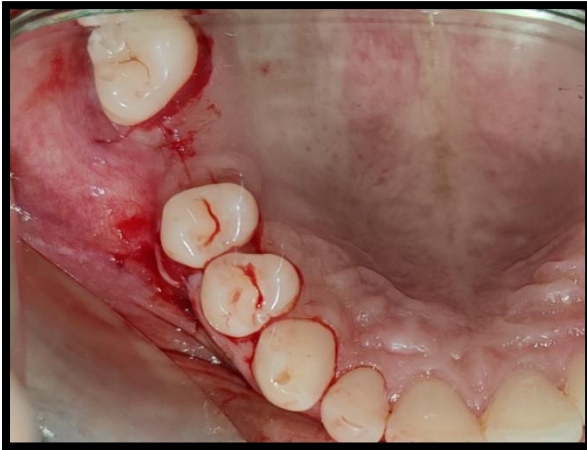
RVG WITH 16



THE DISTANCE FROM THE CREST TO THE SINUS FLOOR



THE DISTANCE FROM THE CREST TO THE POINT WHERE PSA ARTERY COURSE IS 14.6 MM



INTRASULCULAR INCISION GIVEN WITH # 12 BLADE AND CRESTAL INCISION WITH # 15 BLADE WITH 16 WITH VERTICAL RELEASING INCISIONS



A FULL- THICKNESS FLAP REFLECTION DONE



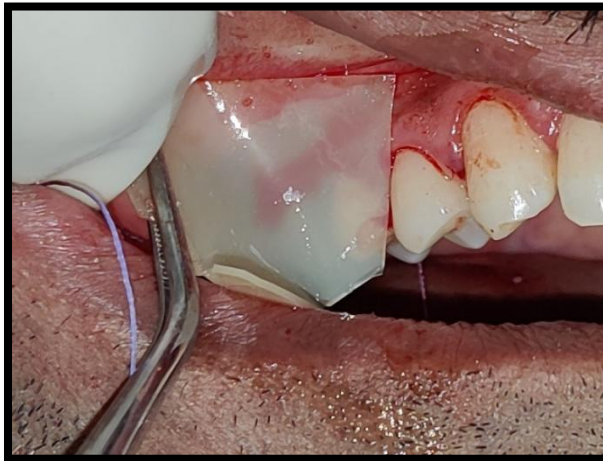
THE DIRECT SINUS LIFT WAS DONE BY LATERAL ANTROSTOMY BY MARKING THE WINDOW WITH PENCIL. THE HANDPIECE WITH ROUND BUR USED TO CREATE A WINDOW. IN THE LEFT FIGURE, WE CAN NOTICE THE BLUISH HUE WHICH SUGGESTS THAT WE ARE NEAR THE SINUS FLOOR



A WINDOW CREATED. THE SINUS LIFT ELEVATORS WERE USED TO LIFT THE SINUS MEMBRANE



IN CREATED WINDOW 20* 30 MEMBRANE IS USED. SO THAT WHILE GRAFTING BONE IT MAY NOT PERFORATE SINUS MEMBRANE. THE BIO-OSS BONE GRAFT AND DFDBG USED.



THE HEALIGUIDE MEMBRANE USED TO COVER THE WINDOW



THE MEMBRANE STABILIZED WITH MODIFIED LAURELL MATTRESS SUTURING TECHNIQUE WITH ABSORBABLE 4-0 VICRYL SUTURES.

DIRECT AND INDIRECT SINUS LIFT WITH IMPLANT PLACEMENT



FLAP ADAPTATION WITH HORIZONTAL MATTRESS SUTURE WITH 3-0 SILK SUTURES

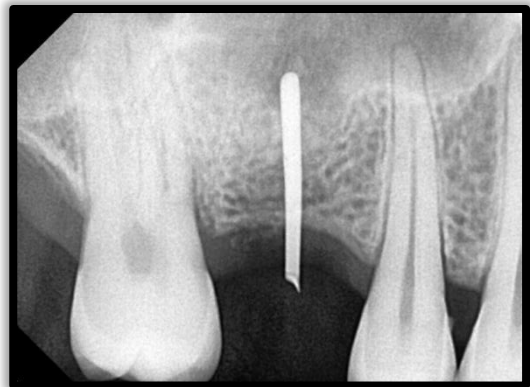
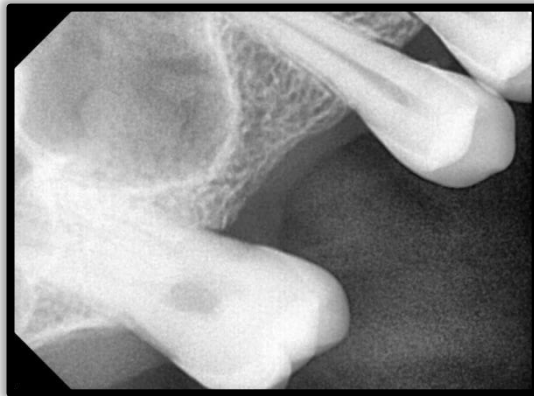
AFTER 15 DAYS



DIRECT AND INDIRECT SINUS LIFT WITH IMPLANT PLACEMENT



FOLLOW UP AFTER 6 MONTHS



RVG AFTER 6 MONTHS

RVG AFTER 6 MONTHS WITH
GUTTA PERCHA FOR IMPLANT
PLACEMENT

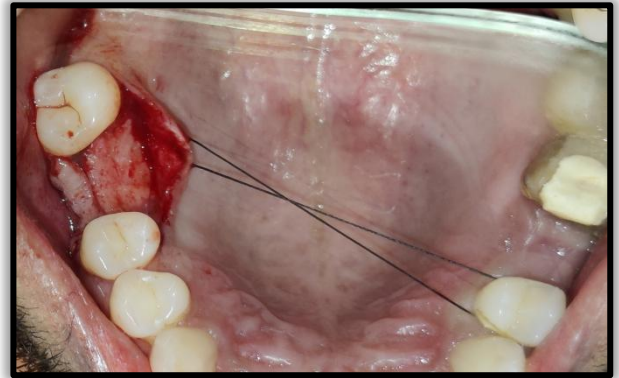


PREOPERATIVE RIGHT LATERAL
VIEW BEFORE IMPLANT
PLACEMENT

PREOPERATIVE OCCLUSAL
VIEW



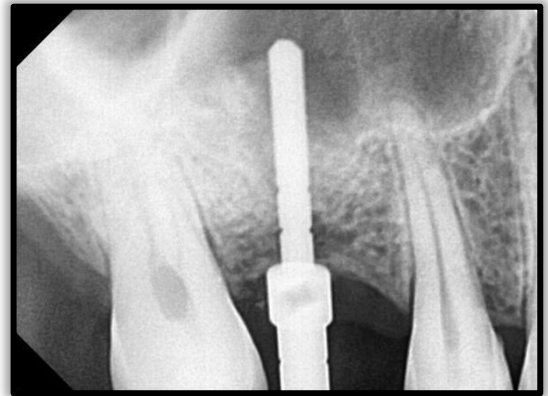
**INTRACREVICULAR
INCISION GIVEN AND
CRESTAL INCISION GIVEN
WITH BLADE # 12 AND #15**



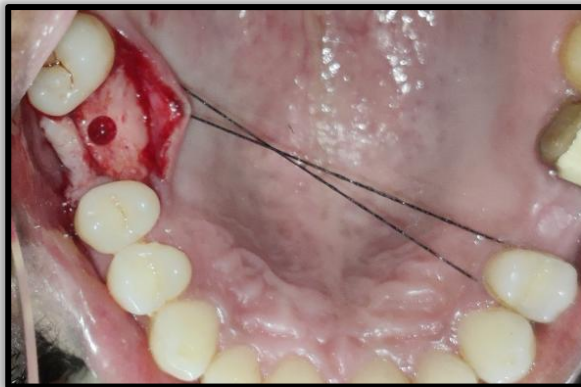
FLAP REFLECTION DONE



**CLINICAL VIEW WITH
PARALLEL PIN**



**RVG WITH PARALLEL
PIN**



**THE OSTEOTOMY SITE
PREPARED BY USING LAST DRILL
OF 2.5**



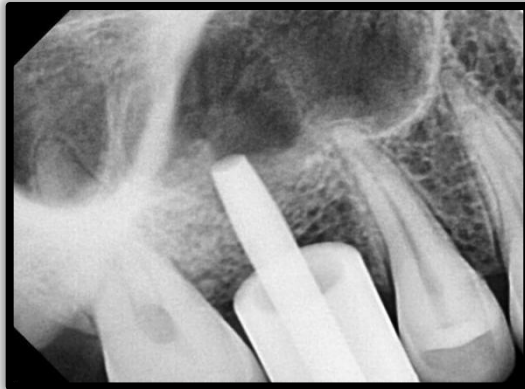
OSTEOTOME USED



OSTEOTOME OF SIZE 2.5 MM, 3.5 MM, 4.00 MM, 4.5 MM, AND 5.0 MM



OSTEOTOME OF SIZE 2.5 MM USED



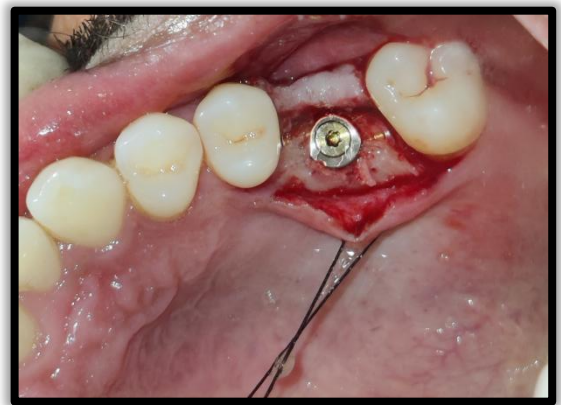
RVG WITH OSTEOTOME



IMPLANT PLACEMENT OF DIAMETER 5x11.5 MM



RVG WITH IMPLANT PLACEMENT OF DIAMETER 5x11.5 MM



IMPLANT WITH COVER SCREW OF GINGIVAL HEIGHT OF 0 MM

DIRECT AND INDIRECT SINUS LIFT WITH IMPLANT PLACEMENT



**SUTURING DONE WITH 4-0
NON ABSORBABLE
SUTURES BY MODIFIED
LAURELL SUTURING**



**15 DAYS AFTER SUTURE
REMOVAL**



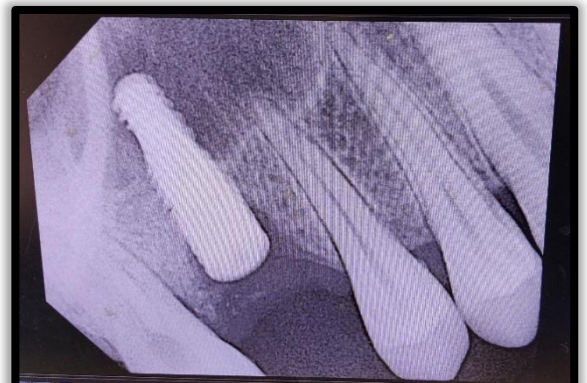
**15 DAYS AFTER SUTURE
REMOVAL**



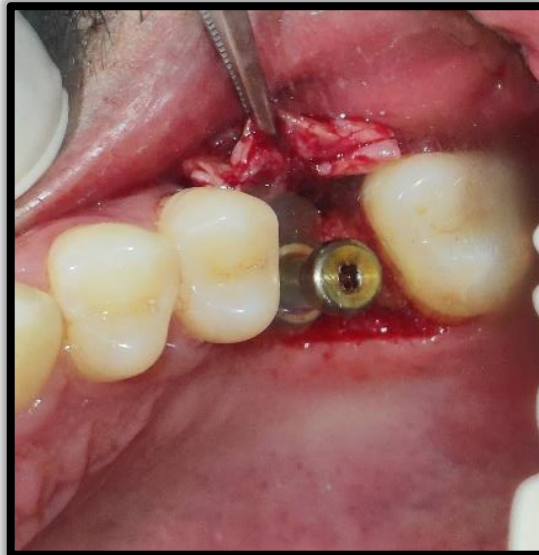
3 MONTH FOLLOW UP



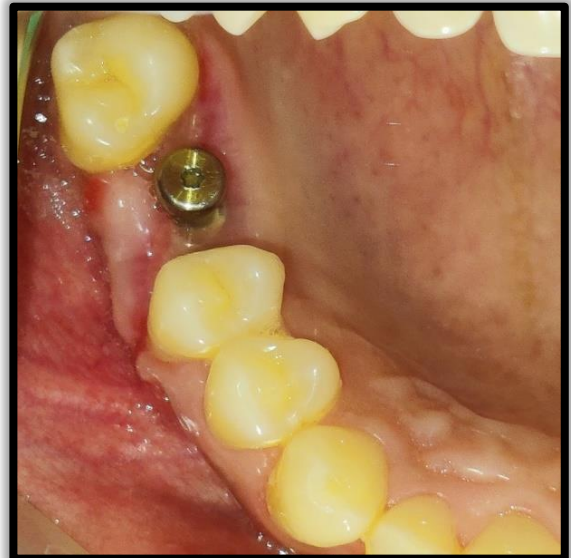
3 MONTH FOLLOW UP



3 MONTH FOLLOW UP RVG



**STAGE II AFTER 3 MONTHS
HEALING ABUTMENT OF
SIZE 5.5 MM PLACED**



**15 DAYS FOLLOW UP
OCCLUSAL VIEW AFTER
STAGE II SURGERY**



**15 DAYS FOLLOW UP
BUCCAL VIEW AFTER
STAGE II SURGERY**