



Extraction of all teeth in upper maxilla,  
immediate implant placement, &  
provisionalization

Dr. Iulian Filipov



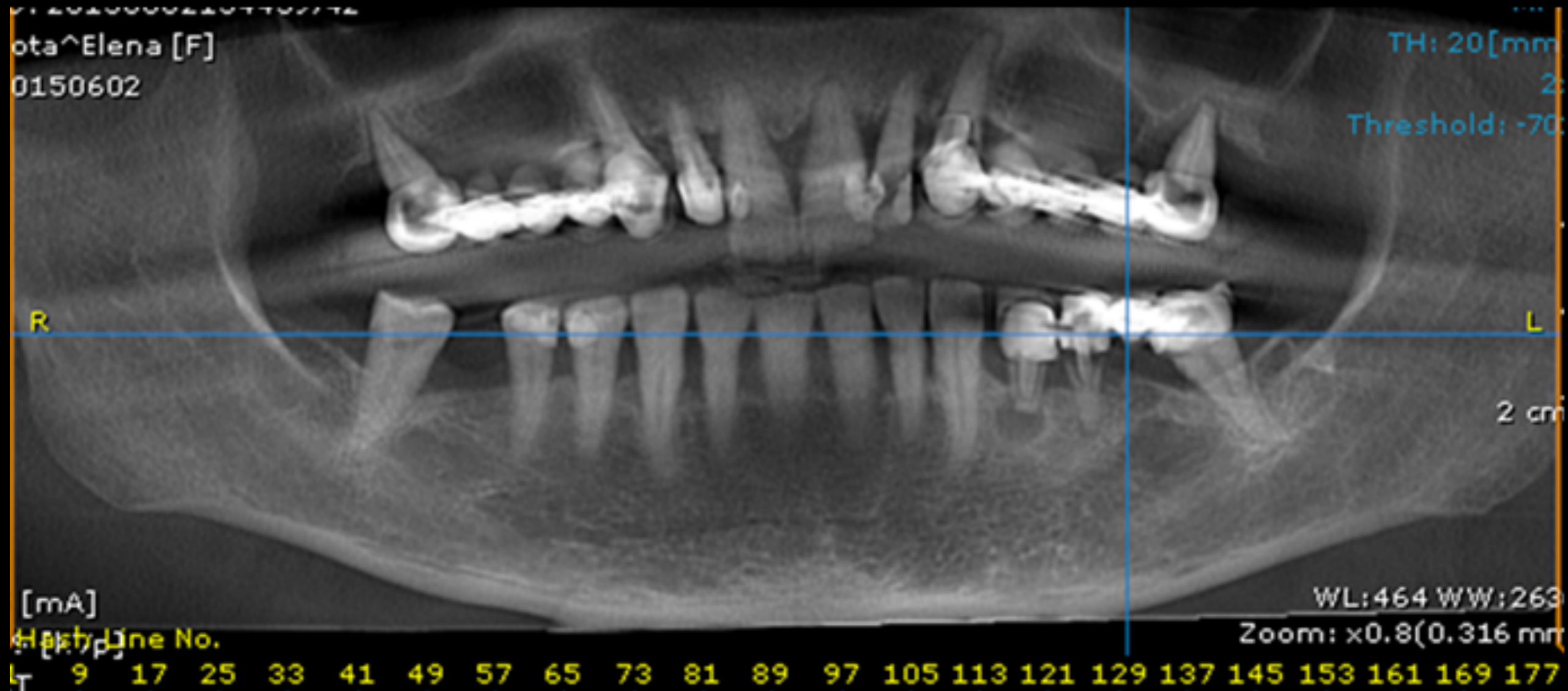
Case by Dr. Iulian Filipov

**Clinical Case:** 54-yr-old female was referred for clinical examination & oral rehabilitation



Case by Dr. Iulian Filipov

**Clinical Case:** Patient complained of difficulty chewing due to high mobility of upper teeth, recurrent gingival bleeding, and tooth pain within lateral high aspect of maxilla



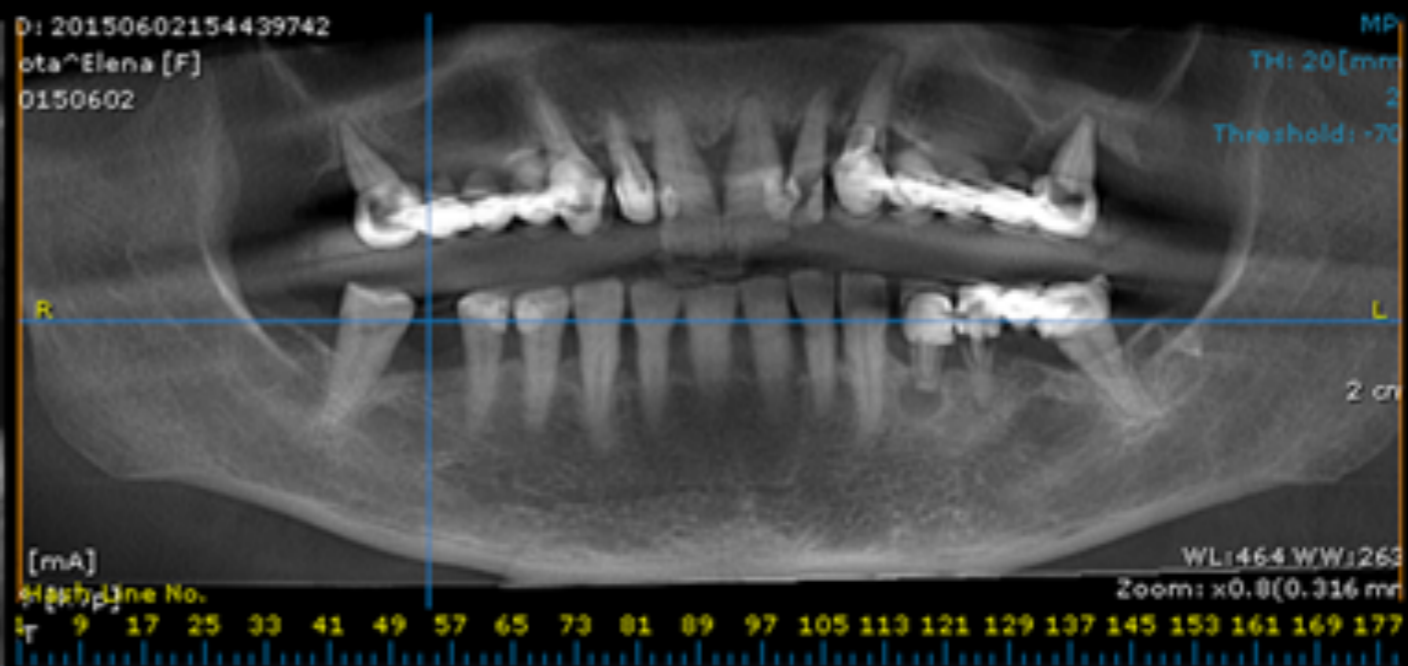
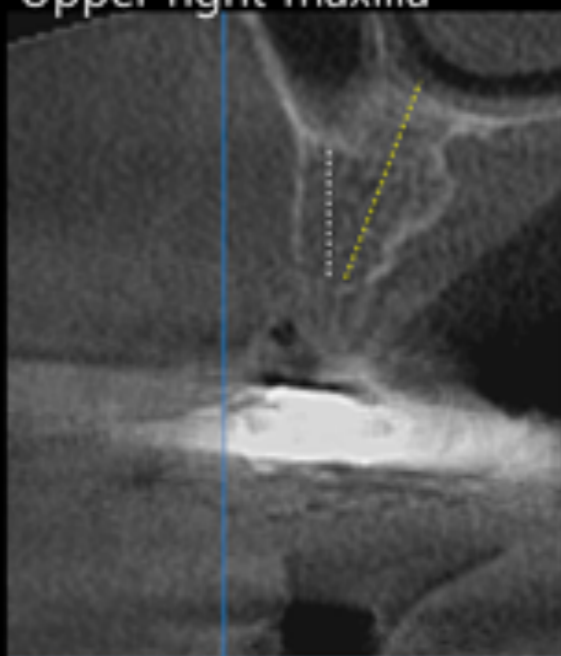
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**Clinical Case:**

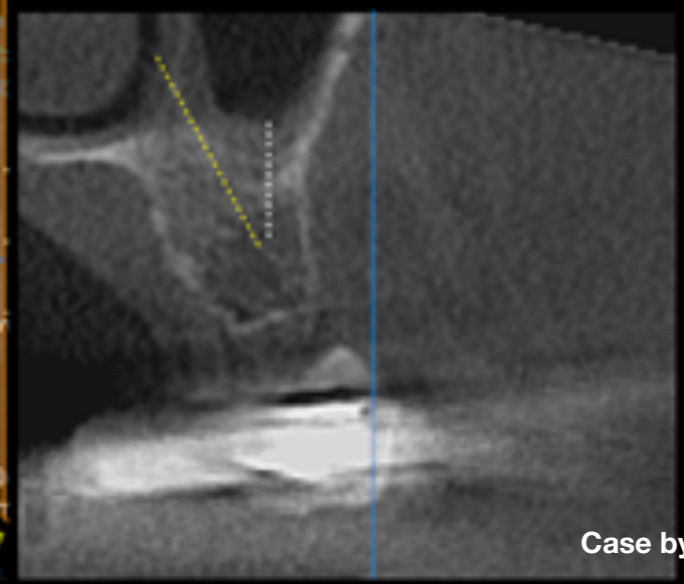
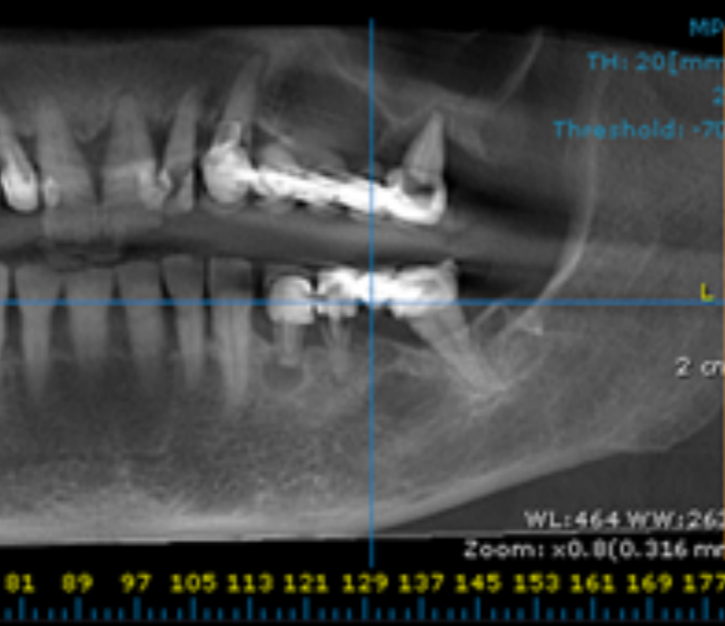
- CBCT revealed massive bone loss around teeth in upper maxilla & important sinus pneumatization
- Teeth mobility was assessed as 2nd & 3rd degree
- Proposed treatment consisted of teeth extraction of all teeth in upper maxilla, immediate implant placement, & provisionalization



Upper right maxilla

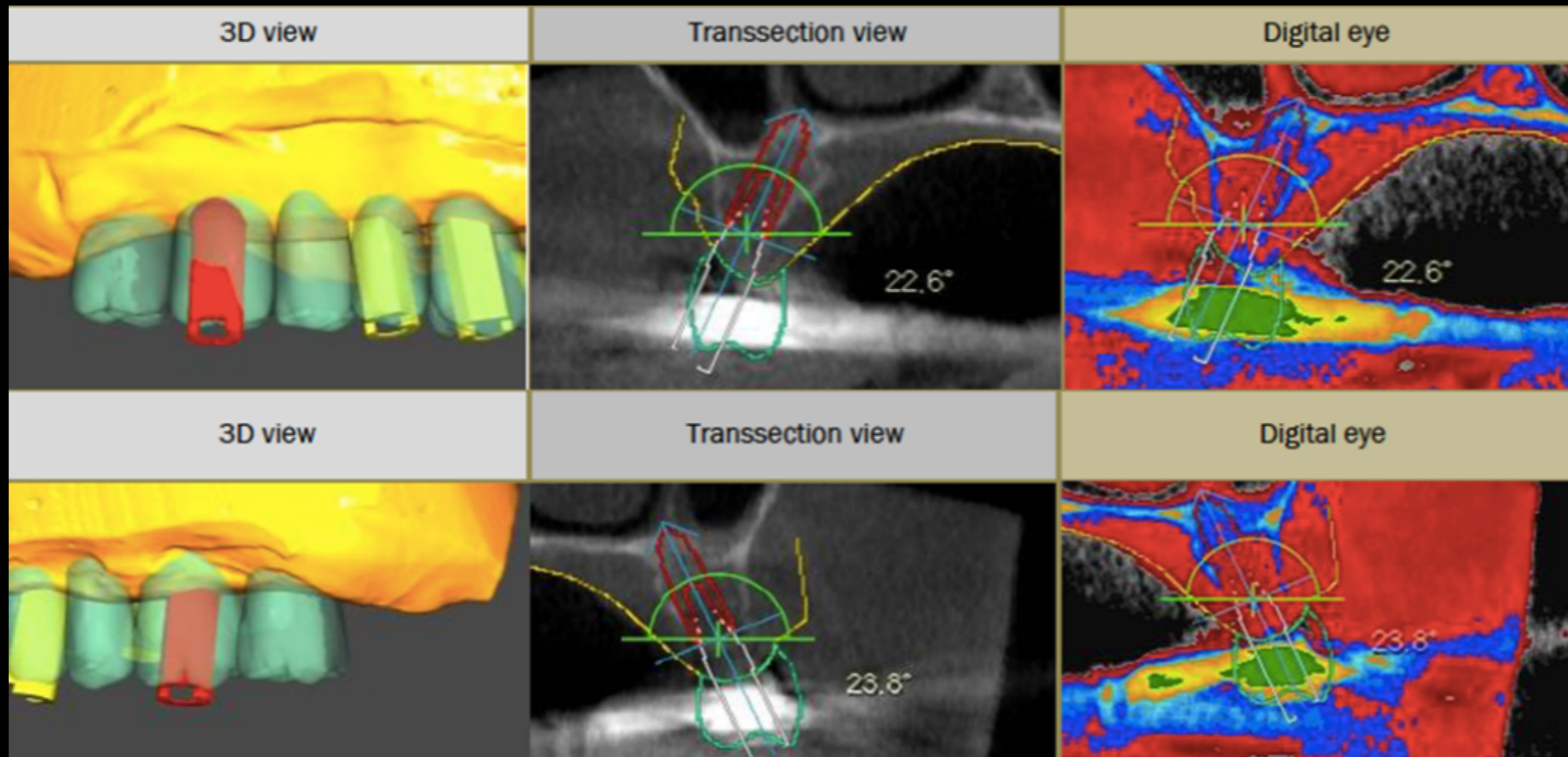


Upper left maxilla



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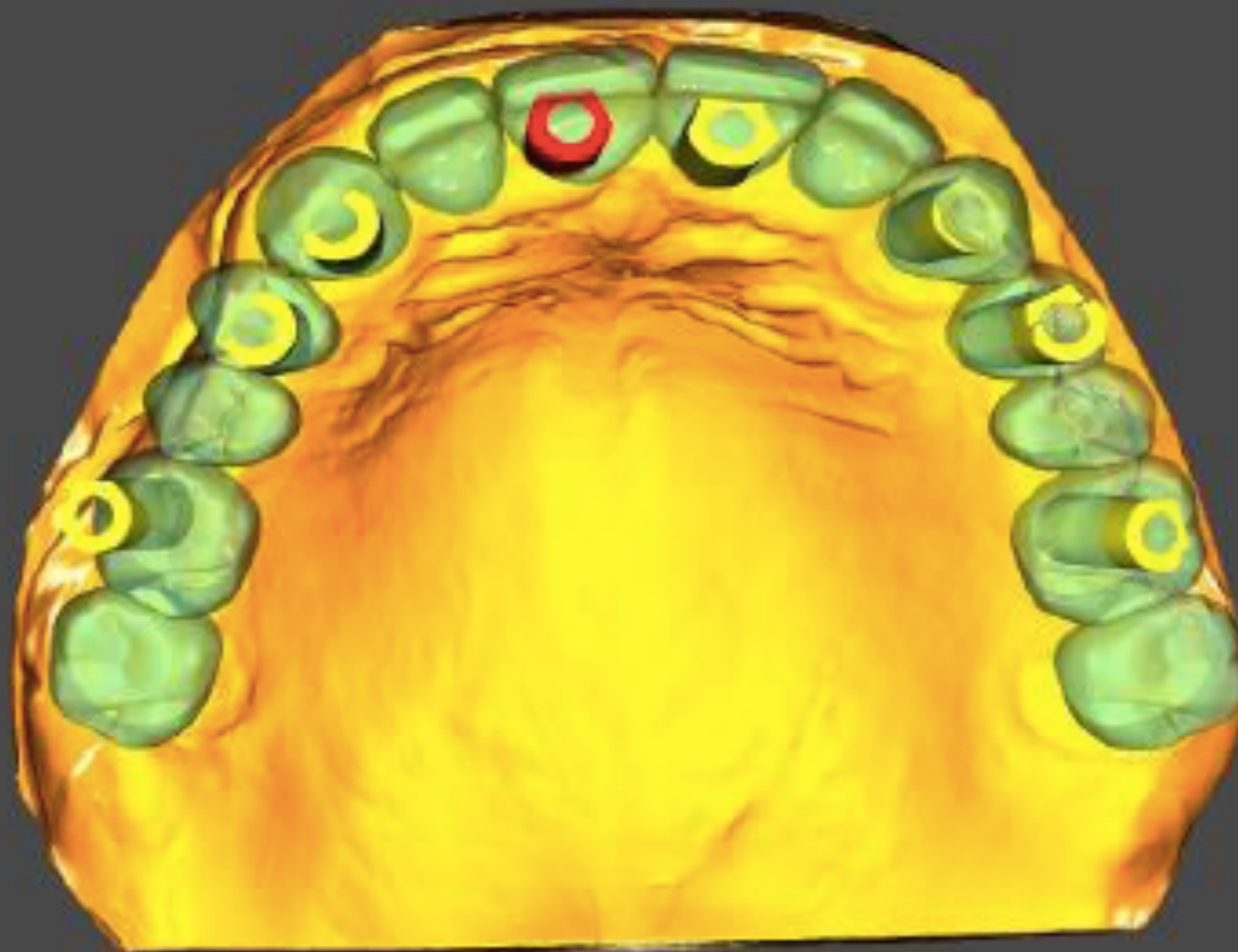
Clinical Case: Baseline CBCT (bone volume assessed for 2 different inclinations)



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Clinical Case: Digital planning using R2GATE software





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**Clinical Case:**

- Teeth extractions were performed in minimally invasive manner & thorough curettage performed
- Surgical guide was used to insert 8 AnyRidge implants without any flap
- Due to significant pneumatization & limited bone volume in lateral area of maxilla, implants #16 & #26 were placed in bone driven implant manner to offer proper implant primary stability without need for sinus lift procedure



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**Clinical Case:**

- Clinical aspect immediately after implant placement & provisionalization
- 8 implants were inserted (#16 - AnyRidge 4/11.5mm - 45Ncm, #14 - AnyRidge 4/11.5mm- 50 Nom, #13- AnyRidge 4/13mm- 55 Nom, #11- AnyRidge 4/13mm- 45 Ncm, #21- AnyRidge 4/11.5mm- 50 Ncm, #23 -AnyRidge 4/11.5mm- 55 Ncm, #24 -AnyRidge 4/13mm- 50 Ncm, #26-AnyRidge 4/11.5mm- 50 Ncm)





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**Clinical Case:**

- 4 screw-retained PMMA bridges were fixed & all provisionals were splinted together on palatal aspect using resin band & flow composite
- Thorough occlusal adaptation & equilibration were performed



Case by Dr. Iulian Filipov

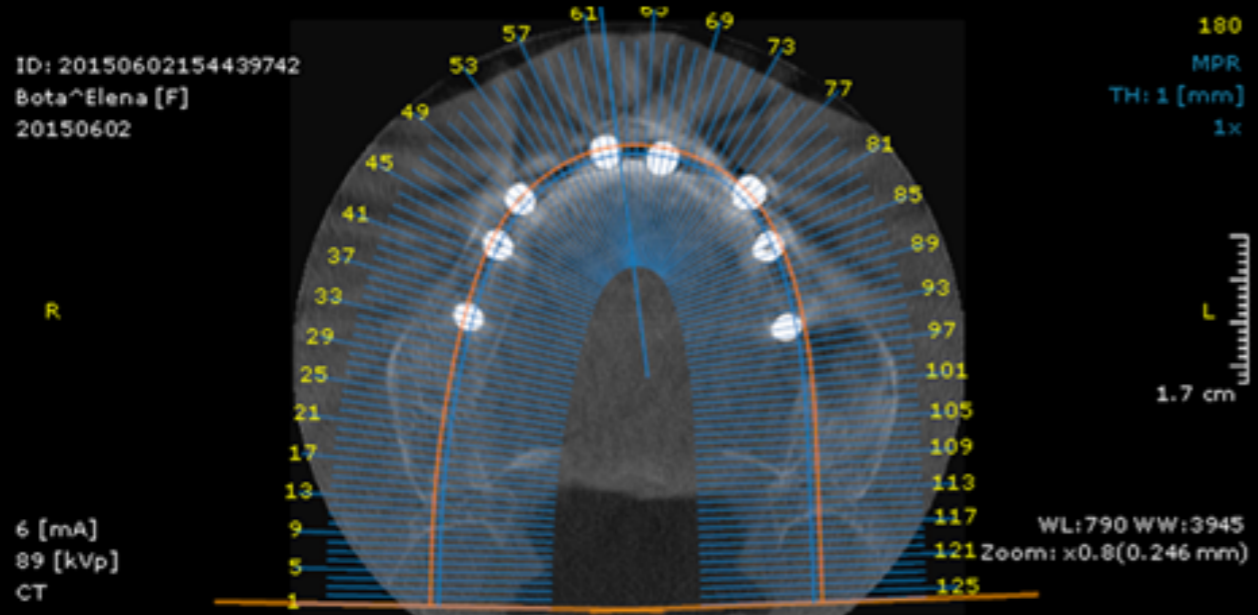
**Clinical Case:** Clinical aspect 2 weeks after surgery



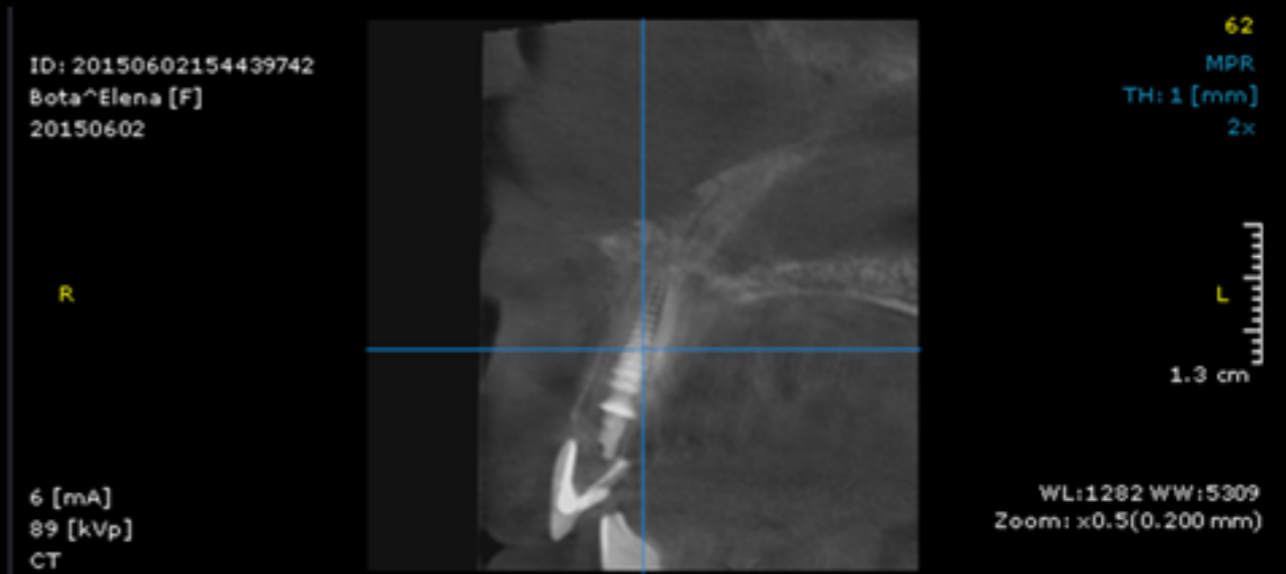
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**Clinical Case:** Clinical aspect 2 weeks after surgery

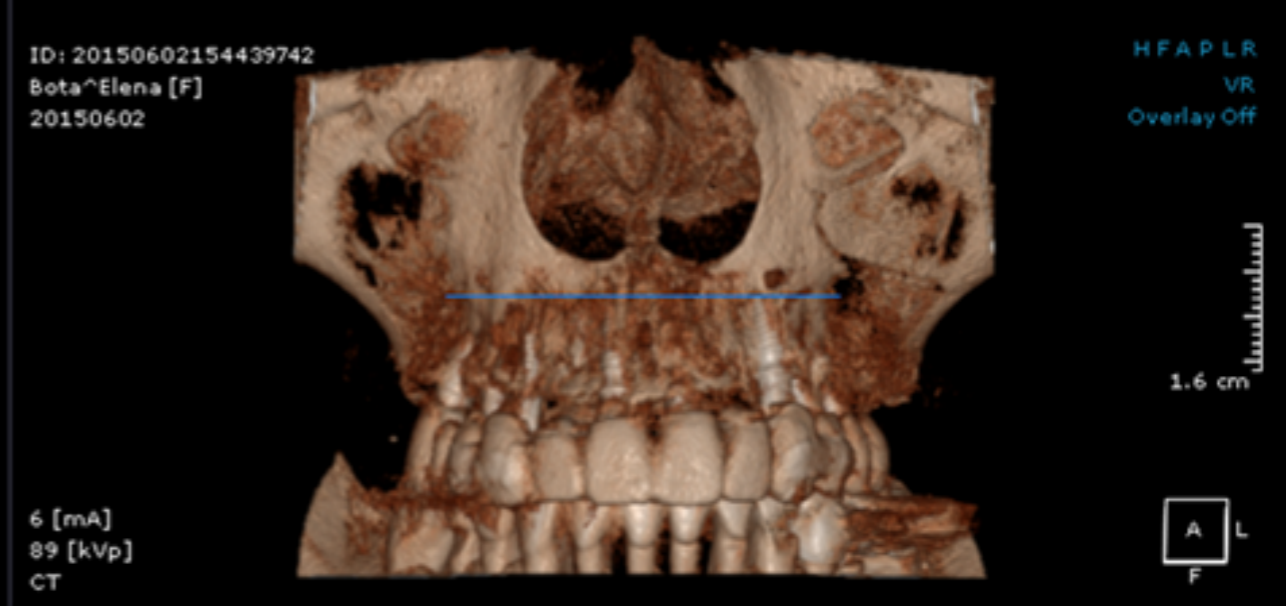
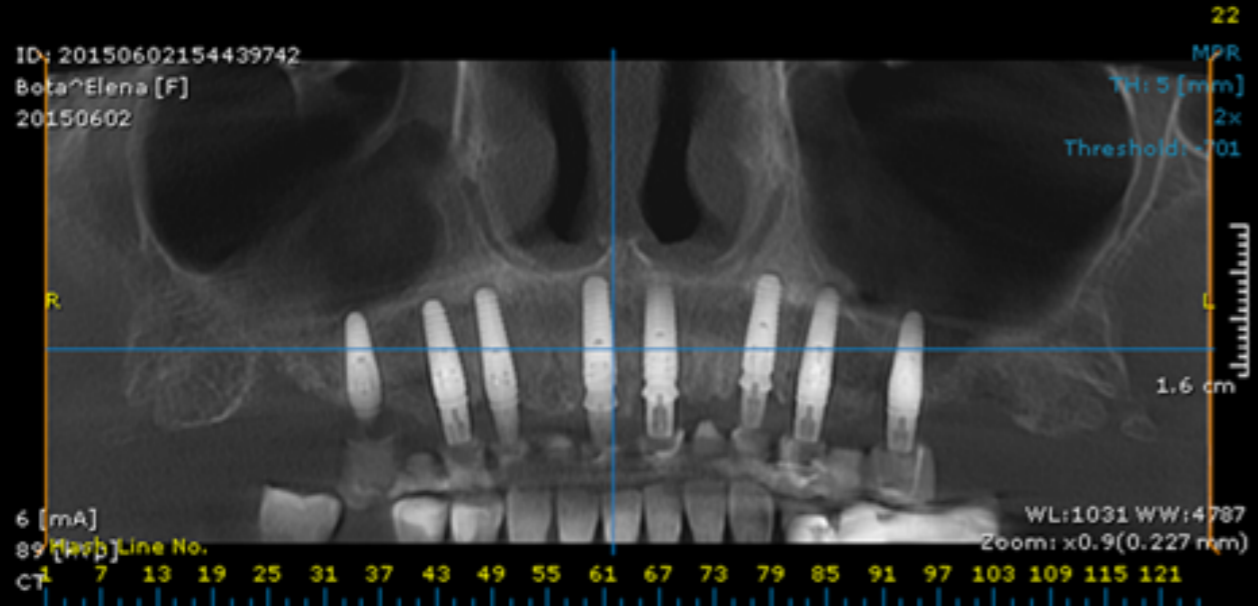




Panorama



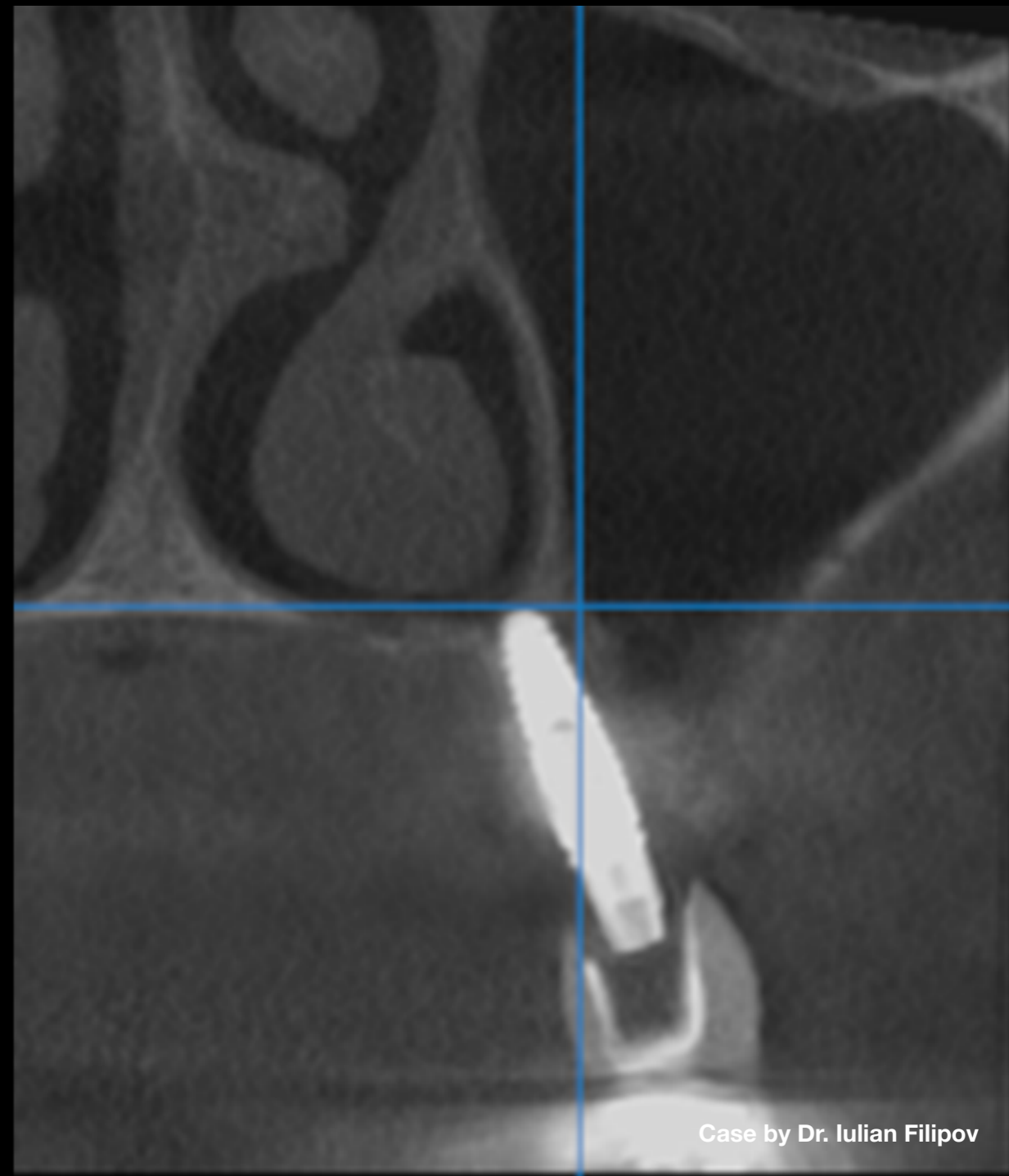
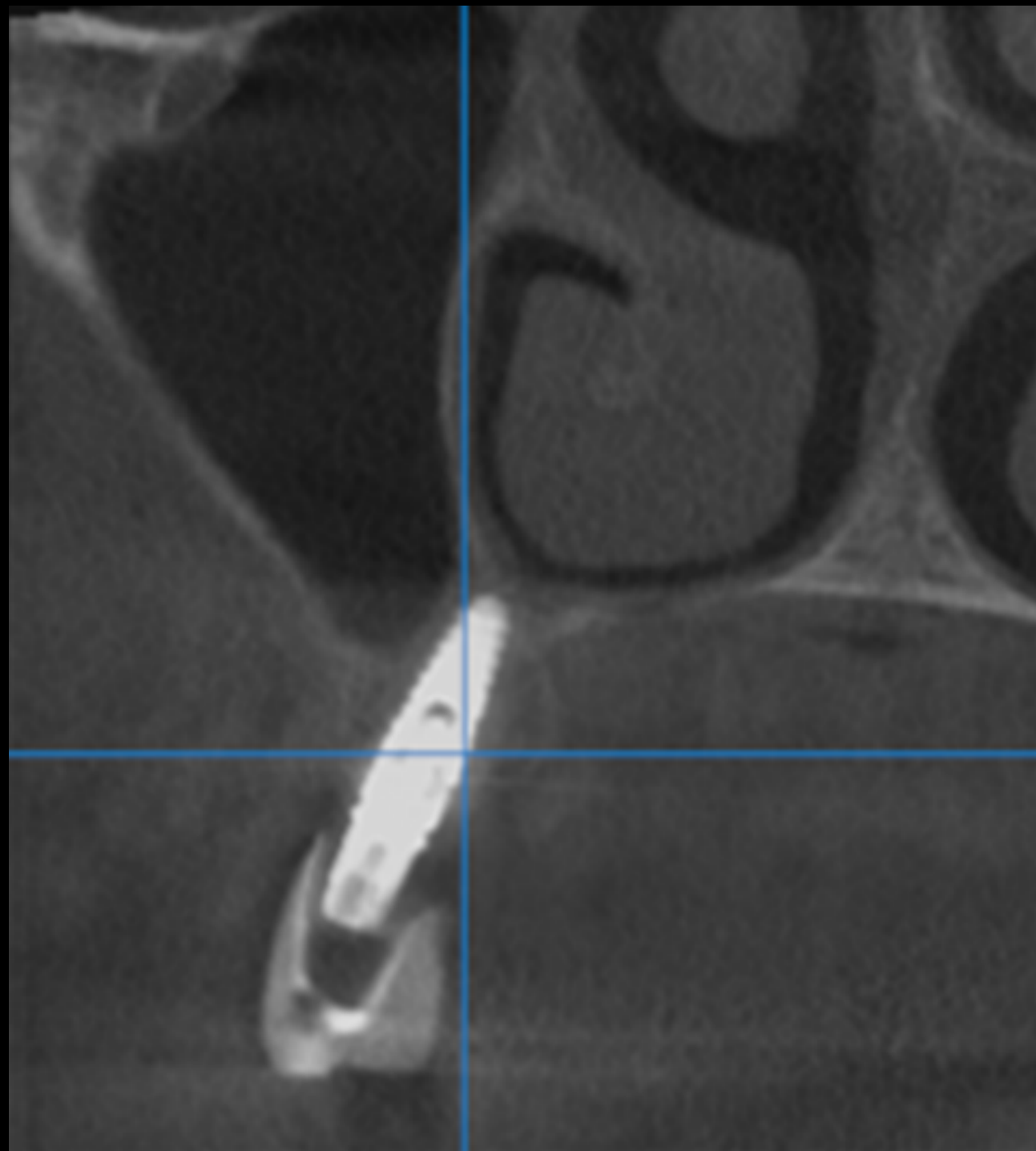
3D



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Clinical Case: CBCT 2 weeks after implant placement





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**Clinical Case:** 2 weeks postop CBCT: #16 & #26



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**Clinical Case:**

- 6 months after implant placement, quality of soft tissue was assessed as optimal & biological stability determined using Mega-ISQ
- All determined values were optimal for final loading



Case by Dr. Iulian Filipov

**Clinical Case:**

- 6 months after implant placement, quality of soft tissue was assessed as optimal & biological stability determined using Mega-ISQ
- All determined values were optimal for final loading



Case by Dr. Iulian Filipov

**Clinical Case:**

- Customized transfer abutments with flowable composite
- Customized zirconia abutments were delivered for #13, #11, #21, #23 & full zirconia bridge
- Two screw-retained metal-ceramic bridges were placed on #16, #13 & #26, #23



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**Clinical Case:** Clinical aspect 1yr 9 mths postop



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Clinical Case: Panoramic x-ray 1 yr 9 mths postop

