

# **Single Tooth Extraction + Immediate Implant Placement + Immediate Provisional**

## **The Immediate Smile Procedure— Single Anterior Tooth**

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# Single Tooth Extraction + Immediate Implant + Immediate Provisional Non Occlusal Function

## Case Presentation



Initial Radiograph

Initial Presentation: Advanced Root Resorption #10  
(yellow arrow)

Prognosis = Hopeless

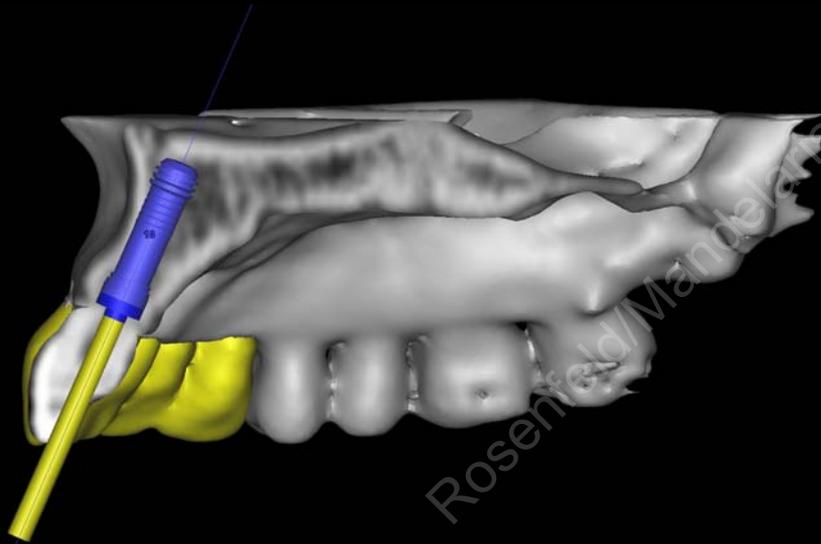
Treatment: Extraction + Immediate Implant Placement

Advanced root resorption #10  
(no remaining bone support for tooth)

Maxillary left lateral incisor

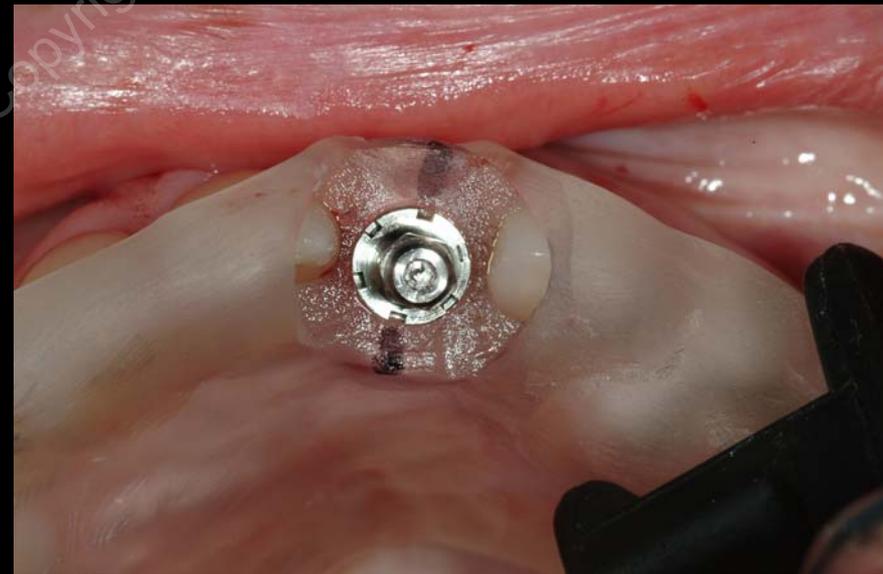
# Single Tooth Extraction + Immediate Implant + Immediate Provisional Non Occlusal Function Case Presentation

Diagnostic CT scan technology utilized for case planning and to assess patient anatomy prior to surgery.



CT scan technology and 3D planning was utilized to assess patients anatomy and develop realistic treatment opportunities. This cross sectional view analyzed through interactive CT scan software technology (SimPlant®) allowed us determine if an immediate implant was possible and, further, if placing a tooth at the time of surgery would be feasible.

Tooth supported CT based guide for precise implant placement. Implant placement occurs through, and is controlled by, the guide



This specialized and custom surgical guide was fabricated for this patient in Belgium and developed from their CT scan interactive plan. This allows for the highest level of precision & accuracy, minimizing innate human error during implant placement.

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Temporary tooth connected to implant at the time of surgery.



3 month post surgery check to confirm implant integration before making the final crown by patients dentist.



The advantage of this procedure is that the patient never has to go without a fixed tooth replacement. There is no removable interim tooth replacement used. The patient leaves the office with a solid tooth, similar to when they arrived.

Another advantage of this procedure is that the gum tissue form around the tooth is preserved, as noted by this photo taken 3 months after the tooth was extracted, implant placed & immediate provisional (temporary) tooth placed.

# Implant Placement

## Final Outcome



**Clinical photo and final X-ray showing implant & restored implant #10  
(Maxillary Left Lateral Incisor)**

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**Before**



**After**



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