

Immediate Implant

What is an Immediate Dental Implant?

An immediate dental implant is a dental implant that is placed in the jawbone immediately after a tooth extraction (See Images 1 and 2)

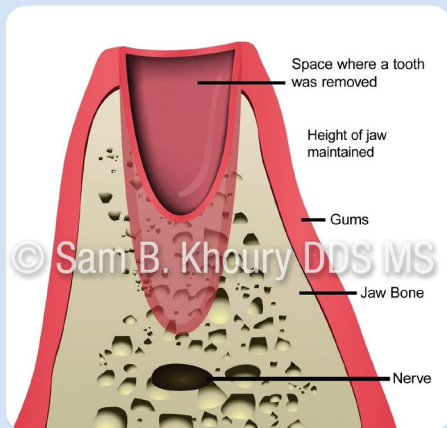


Image 1

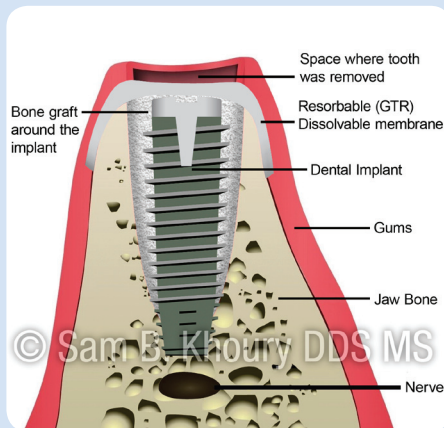


Image 2

Key Advantages to an Immediate Dental Implant:

- Fixed temporary tooth replacement
- One appointment dental surgery with a much shorter healing time
- Helps preserve gum and bone tissues
- No need to unnecessarily crown teeth for a bridge

Is an Immediate Dental Implant Safe?

Immediate dental implants, when done properly, are extremely safe. Proper planning with 3D CBCT technology is critical by an experienced dentist such as Dr. Khoury who has performed this procedure many times before.

Pre-Surgery Steps Needed?

- 1 Review of the 3D CBCT scan by the dentist. The 3D x ray allows the dentist to determine if there is enough bone to place the implant in the dental tooth socket after the tooth removal. (See Image 3)
- 2 Digital impressions are also done using a digital scanner (captures gum tissue and teeth)
- 3 A Surgical Guide is made which guides Dr. Khoury to place the dental implant in the perfect position (See Guided Dental Implant Surgery) handout
- 4 Discussion is also completed regarding the temporary options that are available (Fixed vs removal). See (Dental Implant Temporary Options) handout

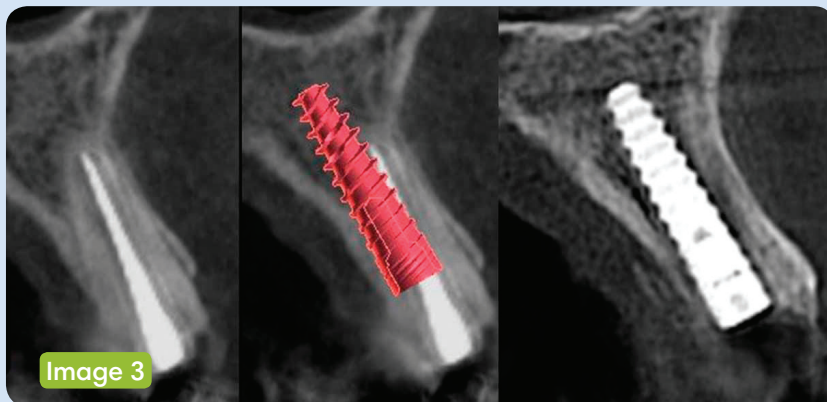
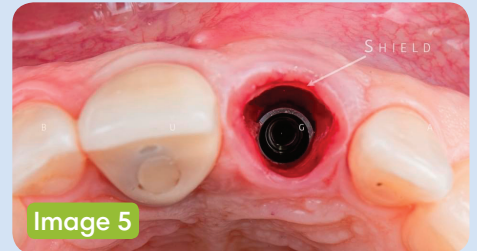


Image 3

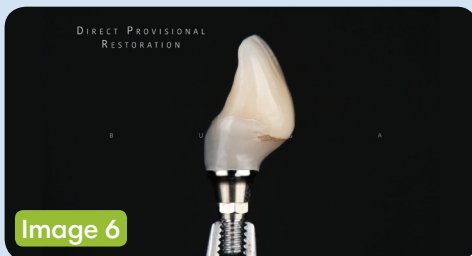
Bone Section showing tooth root in the bone, planned dental implant and actual implant placed in the middle of the bone

Dental Implant Surgery Steps:

- 1 The patient is generally well sedated with either oral or IV sedation. Local anesthesia is still used to numb the area.
- 2 The cracked, fractured, or hopeless tooth is removed very carefully to minimize any damage to any surrounding bone.
- 3 The extraction socket is inspected and cleaned carefully to make sure no infected tissue remains
(See images 3)



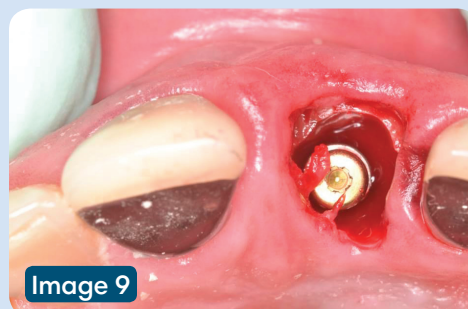
- 4 The dental implant site is prepared, and the dental implant is placed. (See images 4,5) If the implant is very stable, an immediate dental restoration (fixed temporary crown) may be attached to the dental implant.
(See images 6, 7, 8)



- 5 If the stability is low, a healing abutment is placed, and Plan B is the alternative.

***Plan B usually means some sort of removable Flipper, or Essix or a bonded temporary.
See (Dental Implant Temporary Options) handout.*

- 6 Additional bone grafting may be necessary to fill the voids between the dental implant and the remainder of the extraction socket (Bone at the time of implant placement). In addition, a GTR resorbable membrane or a gum graft (soft-tissue graft) may be used to protect the bone graft
(See images 9-12)



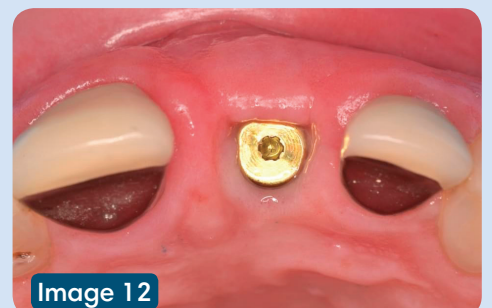
Implant placed after extraction



Bone is added around the implant



Gum Graft placed over the bone



Healed Implant with sufficient bone and gum tissue