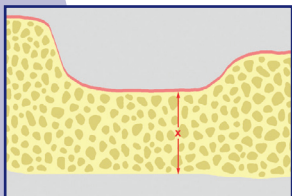
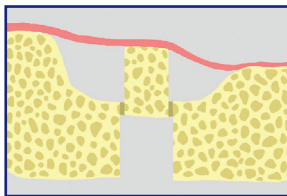


What is an Osteotome Lift

The loss of back teeth causes excessive forces to be placed on your remaining teeth, leading to their premature loss as well. Fortunately, dental implants and crowns may be placed in these areas to re-establish appropriate function and comfort.



Inadequate bone is present above the floor of the sinus for proper implant placement.

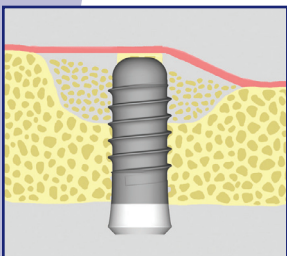


The bone above the floor of the sinus is "tapped up" in the position of planned implant placement, thus lifting the floor of the sinus in this localized area.

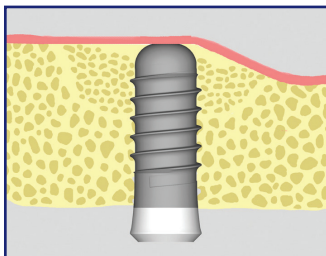
The position of the sinus in the upper back areas may be too low to allow proper placement of dental implants. In the past, treatment of such an area has required a sinus grafting procedure. While this procedure is highly predictable and sometimes unavoidable, it prolongs therapy by many months.

An Osteotome Lift is a simple procedure. It allows the sinus floor to be lifted in the precise area of implant placement.

Osteotomes are utilized to "tap up" the bone remaining below the floor of the sinus at the planned implant position. The implant is usually placed during the same visit.



An implant is placed in the site where the bone has been "tapped up".

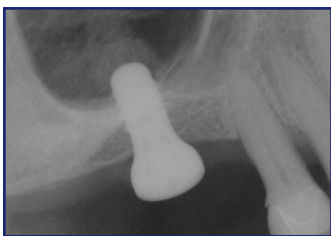


Following healing the tip of the implant is surrounded by new healthy bone.

This procedure is much more conservative than sinus grafting therapy, and adds minimal time to the implant placement visit.

Following healing, the tip of the implant is surrounded by a “halo” of bone which has been tapped up, and will heal to the implant. The implant is then restored with a crown.

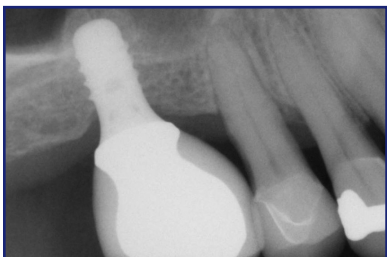
This procedure is highly predictable, and has been reported on extensively in the dental literature.



An implant has been placed at the time of an osteotome lift.



Note the “halo” of healthy bone around the tip of the implant following healing.



The implant has been restored with a single crown, and has been in function for over six years.

An osteotome lift allows an implant to be safely placed in an area which would previously have required more extensive treatment.

Commonly Asked Questions:

Q: How long does the procedure for an osteotome lift with implant placement procedure take?

A: The visit to perform an osteotome lift with simultaneous implant placement is approximately one hour.

Q: Will the osteotome lift procedure hurt?

A: Only “Novocaine” is necessary to perform an osteotome lift procedure. During the visit you will feel nothing once the area has been numbed. When the “Novocaine” wears off there will be some mild discomfort. Medication will be prescribed to control any discomfort you might experience. The procedure will not cause you to miss work, etc.

Q: What is the cost of an osteotome lift procedure?

A: The cost of an osteotome lift procedure will vary with the situation. However your dentist will ensure that this matter is discussed with you thoroughly before you proceed with treatment.

Q: How long do I have to wait after an osteotome lift procedure is performed before having the crown made?

A: The implant will be ready for a crown approximately eight to twelve weeks after its placement at the time of an osteotome lift procedure.

Q: How well does an osteotome lift procedure work?

A: The Osteotome lift procedure with simultaneous implant placement is highly predictable. Numerous studies report a success rate of over 97%. It is important to realize that, if an implant does not “fuse to the bone”, it is not due to rejection. The implant is easily removed and replaced with a new implant, which is almost always successful.

**Remember, if you have any questions
ask your periodontist.**