

## Implant Before Treatment Guide

If Dr. Landers has suggested antibiotics,

- I will begin the Prescription two days before the day of the procedure and continue until finished.
- Take 2 hours before the surgical procedure

I have received and Signed "Before Surgery Directions"

If I wear a grinding appliance, denture or any other removable appliance, I must bring it the day of implant surgery.

I fully understand that during and following the contemplated procedure, surgery, or treatment, conditions may become apparent which warrant, in the judgment of the doctor, additional or alternative treatment needs pertinent to the success of comprehensive treatment. I further understand that the dental implant may not be placed.

Conditions which may alter treatment or treatment completion-Include but not limited to:

- Missing or Lack of bone
- Lack of Sufficient Bone Density (Each patient's bone density is different).
- Infections in bone, usually around existing teeth.
- Irregular Bone Topography (landscape), Height or width of tooth supporting bone vs. functional and esthetic angle needed for implant root.

I also approve any modification in design, materials, or care, if it is felt this is for my best interest and explained to me during the procedure.

### Based On The Conditions That May Become Apparent During Surgery, I Can Expect The Possibility Of Any Of The Following Surgical Outcomes:

#### Implant not placed due to an existing Infection

This is quite common. If there is an existing infection present either from gum disease, existing root fracture, or infection around a failing Root Canal Therapy, or other types of dental disease, there is typically associated bone damage. The extent of bone damage is not always obvious on conventional dental x-rays and even CT scans. Greater amounts of bone damage will result in less bone to support the dental implant. Unstable implants without supportive bone will have higher failure rates. This is due to the fact that unsupported dental implants will more likely exhibit post surgical micro-movement, which inhibits new bone growth (Osseointegration onto the dental implant).

**Dr Landers may determine that the dental Implant should not be placed**, because the esthetic outcome will be better if the additional bone or gum grafting is completed before implant placement.

#### Implant placement + Gum tissue graft or Gum Graft suggested after implant placement

If your implant is placed on the upper arch and towards the front of your mouth, for optimal esthetic results, Dr. Landers may suggest to place a gum tissue graft during or following implant placement. The best available graft options will be suggested along with a cost benefit assessment.

### After Implant Placement (same day)

**Implant + Healing cap:** if your dental implant is not determined to elicit primary stability (as determined by our implant computer). This does not mean that your implant is weak. It simply means that the success of the therapy will be greatly increased if the implant is left under the gum tissue to heal without chance of chewing forces. The healing cap covers the top of the implant and tissue will grow over the top of the cap. Once a sufficient amount of time passes (2-6 months) the implant will be uncovered and a Healing cap will be placed.

**Implant + Healing abutment:** is used when a dental implant demonstrates primary stability but is not in a cosmetic area. A healing cap is attached to the top of the dental implant. The purpose of a healing cap is to shape the dental tissues and maintain access to the top of the dental implant. After a period of time (2wks-6 months), the healing cap will be removed and an implant post will be placed.

**Implant + Post + Cosmetic Temporary \*\*\*Primary Stability\*\*\*\*** As a result of modern day dental advancements and computerized implant placement, Dr Landers can now determine if you can have your implant, post, and cosmetic temporary crown all placed in the same visit.

#### Notes about healing time:

**Please keep an open mind with regard to changes in healing times. Especially if you have medical conditions that effect healing times a common example is Diabetes.** The topic of individual healing or delayed healing can be a very complicated topic. If you would like more details regarding healing times, please ask Dr Landers to review possible delayed healing scenarios with you. In general no dental surgeon can guarantee with 100% certainty that your implant will predictably osseointegrate. In other

words, while its likely that your implant will heal within a normal time period, its possible that due to your own individual health status and/or your bodies unique healing ability, the time to heal can vary anywhere from 3 days -12 months. And in rare situations may not heal properly and a new implant may need to be placed.

**I have been offered the following pretreatment options:**

- Need for Conversion Prosthesis: Denture used to determine proper tooth placement.
- CT scan: Used to determine topography of bone vs. implant placement.
- Surgical Stint created from CT scan: Software guided surgical placement.