

INFORMED CONSENT FOR PERI-IMPLANTITIS OPEN FLAP DEBRIDEMENT WITH BONE AND SOFT TISSUE GRAFTING

I, _____, (hereinafter referred to as the “Patient”), hereby consent to undergo a surgical procedure known as Peri-implantitis Open Flap Debridement with Bone and Soft Tissue Grafting (hereinafter referred to as the “Procedure”) to be performed by Dr. Travis G. Hunt DDS and his professional team (hereinafter referred to as the “Dental Team”). This consent form includes relevant information about the Procedure, its alternatives, risks, and postoperative instructions.

1. DESCRIPTION OF THE PROCEDURE

Peri-implantitis Open Flap Debridement with Platelet Rich Fibrin (PRF), Bone and Soft Tissue Grafting is a surgical procedure that aims to treat peri-implantitis, an inflammation of the surrounding tissue of a dental implant. The procedure involves opening the gum tissue to expose the implant and surrounding bone, debriding (cleaning) the implant and bone, grafting new bone and soft tissue if necessary, and then suturing the gum tissue back together.

A laser will be used during the procedure. This laser helps eradicate infected tissue and sanitize the implant surface to facilitate its re-integration into the bone.

2. ALTERNATIVE PROCEDURES

Alternatives to the Peri-implantitis Open Flap Debridement with Platelet Rich Fibrin (PRF), Bone and Soft Tissue Grafting procedure include non-surgical treatments such as professional cleanings, antibiotics, and antimicrobial mouth rinses. However, these non-surgical methods may be less likely to successfully correct the infection process as they do not include the grafting component present in the proposed procedure, which is essential in restoring the lost bone and soft tissue.

Furthermore, there are other surgical options that could be considered, although they may involve more invasive procedures. One such option could be the removal of the problematic implant and replacement with a new implant. Traditional dental solutions, such as bridges or dentures, could also be explored as an alternative.

It should be noted that the effectiveness and suitability of these alternative treatments vary depending on individual patient circumstances and the extent of peri-implantitis. Therefore, a thorough discussion with your dental care provider is necessary to choose the most appropriate treatment plan.

3. RISKS AND COMPLICATIONS

As with any surgical procedure, there are potential risks and complications involved. These may include but are not limited to:

- Pain, swelling, and discomfort
- Excessive bleeding
- Infection
- Damage to surrounding teeth, nerves, or blood vessels
- Rejection or failure of the graft or implant
- Changes in bite or jaw joint discomfort
- Allergic reactions to materials or medications used during the procedure
- Anesthetic risks
- Please note that this procedure does not guarantee the success of the implant or regeneration of bone and gums. Furthermore, this procedure will often result in a gingival scar, which may cause asymmetry within the gumline.
- There exists a possibility that during the open flap debridement of the infected peri-implant tissue, the implant may be found to lack sufficient healthy supporting tissue. In such a case, explantation, or removal, of the implant might become necessary. If this course of action is chosen by your provider during the procedure, a new implant will be placed, provided there is enough bone to support it. In the event that there is not enough healthy bone to support a new implant, a bone graft will be performed, along with a soft tissue graft if deemed necessary.

4. MATERIALS USED IN SURGERY

Throughout the course of the Peri-implantitis Open Flap Debridement with Bone and Soft Tissue Grafting procedure, several materials may be used to augment treatment success and support optimal healing. These materials are as follows:

Acellular Dermal Matrix (ADM): ADM is a type of soft tissue graft often employed in periodontal and implant surgeries. It is derived from human donor skin that undergoes a process to remove all cells, leaving behind a collagen and elastin fiber matrix. This matrix acts as a scaffold for your body's own cells to populate, facilitating the regeneration of lost gum tissue and contributing to a healthier environment for your implant.

Allograft Bone Graft: There might be situations where a bone graft is required. An allograft bone graft involves the use of human donor bone, which is treated to ensure safety and compatibility, to augment the area around the implant. This procedure is performed to replace bone lost to peri-implantitis and to provide robust support for the implant. Since the graft is derived from a human source, it carries a low risk of rejection or infection and integrates well with your own body tissues.

Platelet Rich Fibrin (PRF): PRF is a product derived from your own blood platelets and growth factors. This is obtained by processing a blood sample in a centrifuge. The PRF is then applied to the surgical area to promote faster healing and recovery. The growth factors present in PRF stimulate tissue regeneration, and the fibrin forms a scaffold for the growth of new bone and soft tissue.

By signing this document, you acknowledge and consent to the use of these materials in your surgery. You understand that these materials, despite their wide usage and extensive research backing, carry inherent risks as with any biological material. These risks may include infection, allergic reaction, or failure of the material to properly integrate with your body tissues. Should you have any concerns regarding these materials, you are encouraged to discuss them with your dental team prior to your surgery.

5. POST-OPERATIVE INSTRUCTIONS

After the Procedure, the Patient must adhere to the following instructions:

- Rest and avoid strenuous activities for the first few days after the Procedure.
- Do not disturb the surgical site. Avoid touching the area with your tongue or fingers.
- Adhere to a liquid diet for the first two weeks following the Procedure. Avoid hot foods/drinks, alcohol, and smoking during this period.
- Maintain good oral hygiene. Rinse with warm salt water 2-3 times daily.
- DO NOT brush the surgical site for 2 weeks
- Take all prescribed medications as directed.
- Attend all follow-up appointments with the Dental Team.
- Notify the Dental Team immediately if you experience excessive bleeding, unusual pain, swelling, or any other complications.

I hereby acknowledge that I have read and understood all the information provided in this form. I have been given the opportunity to ask questions, and all of my questions have been answered to my satisfaction.

I understand that by signing this document, I am providing my informed consent to undergo the Peri-implantitis Open Flap Debridement with Bone and Soft Tissue Grafting procedure.

Patient Name (Print): _____

Patient Signature: _____

Date: _____