

SOCKET PRESERVATION AND IMMEDIATE IMPLANT PLACEMENTS WEBINAR Q&AS

PATIENT PROFILE

CAN ETHOSS BE USED IN SMOKER PATIENT (10-15 /DAY)?

EthOss can be used with smoking patients, however it is recommended that the patient should try and not smoke at all for several days.

DURING THE PROCEDURE/ ETHOSS PLACEMENT

SITE DEGRANULATION

IS THERE A REQUIREMENT TO DEGRANULATE SITES BEFORE GRAFTING?

There is a requirement to degranulate the site thoroughly prior to grafting.

USING ETHOSS

HOW LONG GENERALLY DOES IT TAKE FOR THE ETHOSS TO DRY OUT AND FORM THAT CHALKY APPEARANCE?

Times can vary - anything between 1 to 5 minute.

IS IT DIFFICULT TO MIX ETHOSS WITH THE SALINE IN THE SYRINGE? DO YOU HAVE TROUBLE MIXING THE POWDER WITH THE SALINE IN THE SYRINGE?

The mixture can sometimes be a bit sticky. You may be required to give it a good shake.

WHAT IS THE EXACT COMPOSITION OF ETHOSS?

β tri calcium phosphate and calcium sulphate.

IF ETHOSS HAS NOT DRIED OUT AFTER CLOSING THE FLAP, WILL THERE BE LESS SUCCESS WITH ETHOSS INDUCING BONE FORMATION?

Yes, it sets/forms best when it sets.

CAN LOST ETHOSS BONE GRAFT BE REPLACED IN THE SOCKET AGAIN ? IS THERE A REQUIREMENT TO DO CURETTAGE TO PRODUCE BLEEDING AND FRESH WOUND WHEN REPLACING THE BONE GRAFT?

Replacement /top up with secondary grafting if there is requirement at surgical re-entry. There is no requirement to induce fresh bleeding.

MEMBRANE/FLEECE USE, A-PRF USE

WAS THE ETHOSS BONE GRAFT PLACED IN THE SOCKET WITHOUT COVERING WITH A MEMBRANE?

No, you need to achieve some sort of primary closure either with the wound edges, or a collagen fleece.

SOCKET PRESERVATION AND IMMEDIATE IMPLANT PLACEMENTS WEBINAR Q&AS

SHOULD A MEMBRANE BE CONSIDERED WHEN USING ETHOSS?

A membrane should only be considered only when good primary closure cannot be achieved.

WHAT IS THE BRAND OF COLLAGEN FLEECE USED FOR SOCKET AUGMENTATION WITH ETHOSS?

Parasorb Collagen Fleece.

IS THERE A REQUIREMENT TO USE ETHOSS WITH A-PRF?

No there is no requirement to use PRF. Do not use PRF.

IN THE VARIOUS PROCEDURES IT WAS JUST PERIOSTEUM AGAINST GRAFT. NO COLLAGEN MEMBRANES WERE UTILISED ? HAVE PRF BEEN USED WITH ETHOSS?

No membrane required when using EthOss and never used PRF.

ABOUT SUTURES AND THE SUTURING PROCESS

WHAT SUTURES WERE USED IN THE CASES PRESENTED - MONOFILAMENT OR BRAIDED?

Resorbable sutures, usually 4-0 Vicryl Rapide.

WHAT SUTURES WERE USED DURING THE PROCEDURES ?

Vicryl Rapide 4-0.

IS THERE A PREFERENCE TO SUTURING CLOSED OVER HEALING ABUTMENTS THAN COVER SCREWS?

Either work well.

WHAT SIZE SUTURES WERE USED IN THE PROCEDURES?

4-0.

WHAT BRAND OF SUTURE WAS USED - SIZE & COMPOSITION? EG 4/0 OR 5/0 CATGUT ?

Vicryl Rapide 4-0.

EthOss® is recommended to be used with the following published protocol:

“Protocol for Bone Augmentation With Simultaneous Early Implant Placement: A Retrospective Multi-Centre Clinical Study.”
International Journal of Dentistry, 2015, Article ID 589135.

This Protocol is freely available on the EthOss® website. Email info@ethoss.dental if you would like a hard copy.

Pre-Surgery:

1. Perform tooth extraction atraumatically to preserve host bone.
2. Leave the site to heal for at least 3 weeks. This gives soft tissues enough time to heal.

Site preparation:

1. Raise a papillae preserving flap.
2. Remove all granulation tissue from the site. This ensures the EthOss® is in direct contact with healthy host bone. We recommend using EthOss® Degranulation Burs.
3. Place the implant, ensuring primary stability. Or, graft the site and place the implant at a later date (12 weeks recommended).
4. Allow any excess bleeding to subside before grafting.

Thorough degranulation is a prerequisite for successful grafting.

Preparing EthOss®:

1. Draw back the plunger to the 1cc mark for 0.5cc packs, or 2cc mark for 1cc packs.
2. Holding the syringe horizontally, gently tap it to loosen any compacted EthOss®.
3. Hold the syringe vertically and remove the end cap.
4. Fill with sterile saline. Replace the cap then tap or shake the syringe for 10 seconds until the powder is wet through.
5. Remove the end cap. Place a sterile gauze over the end of the syringe and express the excess fluid. Use firm pressure.
6. Your EthOss® is now ready to use.

Applying EthOss®:

The material will start to harden after 1 minute – so place it into the site with haste.

1. Ensure any excess bleeding in the site has subsided before grafting.
2. Place the EthOss® with the syringe and shape as required.
3. Do not use suction on the site once grafted – this may disturb the material.
4. Do not overfill the site with graft material – this may cause bone to grow over the implant
5. Apply a sterile gauze to the graft for at least 3 minutes. The built-in membrane will now begin to harden.
6. Once EthOss® becomes firm and you feel resistance from the graft, begin suturing. EthOss® does not need to “set” like bone cement before you can suture closed.
7. The first sutures should be at the papillae. This ensures passive closure which does not disturb the graft. Full and passive soft tissue closure is required.

Careful, tension free suturing is a prerequisite for successful grafting. Use a monofilament suture to reduce the potential wicking effect of bacteria.

Post-Surgery:

1. EthOss® has no special post-surgical requirements. We recommend the use of Blue®m implant care products post-surgery.
2. The implant can usually be placed or restored after 12 week healing phase.

Sound clinical judgement should be used at all times.

