

Procedure for storing excess dentin graft

Overview:

In some cases, you might have produced more graft that is needed for immediate grafting. However, knowing that the patient might be coming back for additional augmentation, there is an option to keep the graft for later use. With proper protocol, the excess graft can be kept indefinitely.

Step 1: Drying the excess graft

Place the graft in the provided mixing dish and place it uncovered in the autoclave on a dry cycle. Do not place the dish cover in the autoclave. Most autoclaves with a dry cycle will require approximately 15 minutes to completely dry the graft.

A hot plate can also be used. Please be careful as the mixing dish will get very hot.

Step 2: Marking the excess graft

Cover the dry graft that's in the mixing dish with the provided dish cover. Using a non-erasable pen or marker, write the name of the patient, date and practice name on the dish. Place the dish in a plastic pouch or zip lock bag.

Step 3 Storing the graft

The graft in the dish can be stored at room temperature or in the refrigerator or freezer. The jar can be provided to the patients to keep on their own. The graft can be kept indefinitely and will still remain active.

Step 4 Using previously saved excess graft

Just prior to using the left over graft, it is important that you repeat the cleansing process exactly the same way as if the graft was only just produced. Please follow the graft cleansing instructions.

Procedure for storing a tooth for postponed grafting

Overview:

In some cases, you might have extracted a tooth, but the patient is not ready for grafting at that same session. Maybe you prefer to save the tooth and graft it at a later time, potentially with an implant to plan on placing. Here is the protocol for how to store an extracted tooth for a postponed grafting procedure:

Step 1: Mechanical cleaning of the tooth

Follow the first step of the Smart Dentin Grinder following the extraction. The surface of the tooth needs to be cleaned using a bur. Fillings, composite and decay should be removed to the extent possible.

Step 2: Thoroughly dry the tooth

The tooth needs to be thoroughly dried using an air syringe.

Step 3 Storing the tooth

Place the tooth in the mixing dish provided with the kit. Please clearly label the dish with the name of the patient and the date. The tooth can be stored at room temperature or in the refrigerator or freezer. No difference. The dish can be provided to the patients to keep on their own. The tooth can be kept indefinitely. The growth factors will still remain active.

Step 4 Once ready for grafting...

Take the tooth out of the dish and follow **ALL** steps of the Smart Dentin Grinder.