**DR. SAM LEE’S ULTIMATE CRESTAL & LATERAL SINUS KIT**

This Kit will enable you to be ready for any situation where Sinus Lift is necessary for Implant Placement, by combining both Lateral and Crestal Approaches in just one kit, along with stops to provide a safe incremental osteotomy, two tools to easily detach the sinus membrane and one to carry and pack bone for the Sinus Lift.

**LATERAL APPROACH**

By using this 5.1mm drill with internal irrigation at 1000rpm it becomes easy and safe to open a lateral window to grant access to the sinus membrane. The 1.5mm Mushroom Tip is a sideways cutting bur that helps increase the size of the window.

**CRESTAL APPROACH**

The 2.3, 3.1 and 4.1mm burs are used with internal irrigation at 1000rpm in order to cut through the crestal bone and simultaneously lift the sinus membrane once the sinus floor is removed. The 3.0 and 3.8 can be inserted in the osteotomy site in order to push more water for more elevation of the membrane. The Condenser tool enables faster bone grafting.

**Single Step Osteotomy**

**Protocol**

Maxilla: Choose 2 sizes bellow implant diameter
Mandible: Choose 1 size bellow implant diameter

The Linderman Drill should be used before the One-step Drill for mandible cases to pierce the thick cortical bone. It is also advisable to start the osteotomy with this drill in Immediate Implant Placement cases.

The final drill of the chosen implant system should be used before the implant placement.

**Choosing the correct speed:**

Waterless Technique: 100 rpm for mandible; 100-200 rpm for the maxilla
Using Water: 1000 rpm for all osteotomies.

**Bone Harvesting/Decortication**

The hollow design of each drill enables autogenous bone collection.

The Decortication tool, used with the Linderman Drill, helps with easy bone decortication, specially advised in the mandible for better results in bone grafting.
This is a multi-purpose kit for oral surgery, which includes all the instruments needed to perform a new tunneling protocol for bone grafting and root coverage developed by Dr. Samuel Lee and Dr. Simon Jeong, called MIT (Minimally Invasive Tunneling) Oral Surgery.

MIT ORAL SURGERY

This technique is a modification of the conventional tunneling techniques, which had unpredictable outcomes as the main drawback for their use. By making a small incision using the Straight Blade Holder included in this kit, you will then be able to elevate a full thickness flap through the tunnel with the Angled Small-tip Periosteum Elevator, then decorticate and remove any remaining soft tissue still inside the tunnel with the Small Back-action Chisel and then pack bone inside the tunnel, either for horizontal ridge augmentation, for root coverage or to treat defects like fenestrations or dehiscence. The Multiangled Periosteum Elevator helps detaching the periosteum on the crestal area of the ridge, thus enabling bone graft placement in that location.

This Multiangled Blade Holder is one of the best innovations of this kit. It comes with two attachments, one for single blade and another for double-blade. This allows you to achieve incisions with high precision, even in the toughest areas. The double-blade is particularly useful to get soft tissue from the palate for free gingival graft or connective tissue graft.