

CAS KIT

Easy-To-Learn Sinus Lift Technique

Our Crestal Approach Sinus Kit (CAS - KIT) makes a bone augmentation procedure easy and predictable, combining the advantage of high volume bone placement of the lateral window approach. Hiossen's CAS-Kit provides a complete set of instruments specifically designed to easily and safely perform crestal approach sinus augmentation without fear of membrane damage.

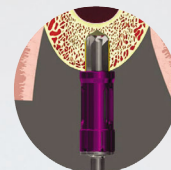
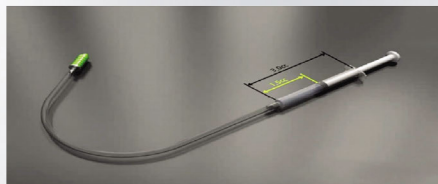
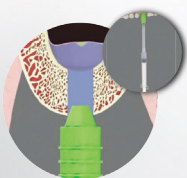


Hydraulic Lift System

Atraumatic and controlled Schneiderian membrane elevation is achieved via the Hydraulic Lift System. Initial elevation performed by the CAS-drill prepares the sinus membrane to apply hydraulic pressure to the cavity, gently separating the membrane from the bony sinus floor. Giving you control and patients significant comfort.

Stopper System

Osteotomy depth control and patient safety are precisely managed by the CAS Stopper System is designed as a dependable and simple safety feature, to prevent over drilling. Delivering the precision you need to perform crestal sinus augmentation with confidence and predictability.



Stoppers come in 11 different lengths, 1mm increments.

CAS Kit Surgical Procedure

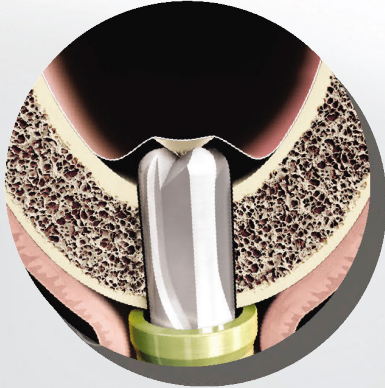
The CAS-Kit has been optimized for Hiossen's Implant System. Please review the drilling sequence below before starting surgery. Confirm the diameter of the fixture, the fixture's height in relation to the sinus cavity and the volume of bone grafting material necessary for stable implantation.

Fixture Selection		Twist Drill	CAS-Drill					Hydraulic Lift & Bone Condensing						
			Ø2.2	Ø2.8	Ø3.1	Ø3.3	Ø3.6	Ø3.8	Ø4.1	Depth Gauge	Hydraulic Lifter	Bone Carrier	Bone Condenser	Bone Spreader
F(Ø)	Bone Density													
		Ø4.0	▶	▶					▶	▶	▶	▶	▶	▶
		Ø4.5	▶	▶		▶			▶	▶	▶	▶	▶	▶
Ø5.0	▶	▶				▶	▶	▶	▶	▶	▶	▶	▶	
Normal	Ø4.0	▶		▶				▶	▶	▶	▶	▶	▶	
	Ø4.5	▶		▶		▶		▶	▶	▶	▶	▶	▶	
	Ø5.0	▶		▶			▶	▶	▶	▶	▶	▶	▶	

Note:

Straight type fixtures (like the ET II, SSII) require a smaller diameter CAS-drill

Versatility



Inverse Conical Drill Type

The drill tip safely forms a conical bone lid at the sinus floor, which automatically elevates the sinus membrane when the sinus floor is penetrated.



Four-Blade Body

The blades are designed to shift bone particles toward the conical drill tip facilitating safe sinus elevation, while allowing for easy path correction and increased tactile sense.



Drilling Speed

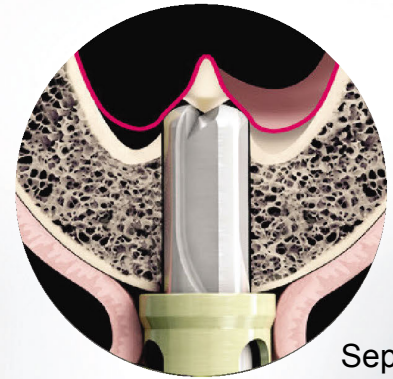
The CAS-drills can be drilled at 400-800 RPM to adapt to different bone densities.



Flat



Inclined



Septum

Benefit from the solutions of Hiossen[®] Implant

Since 2006 Hiossen[®] Implant a subsidiary of Osstem[®] Implant has been on a quest to provide professional dental surgeons with quality dental implants, service, and solutions for their patients.

Today, we are among the top five-implant manufacturers in the United States offering quality dental implants to more than 20 countries worldwide. We provide a complete array of dental implant systems and a variety of systematic educational programs with a unique and specialized training center equipped with state-of-the-art facilities, a renowned faculty, and curriculum management.

For more information

To request more information contact your local Hiossen manager or visit our website at www.hiossen.com.