

# SinCrest

technique

Controlled crestal approach



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**NEW**

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# SinCrest

technique



Screw

Advance

Probe

## What is it?

SinCrest is an innovative kit used to prepare the implant site near the Schneiderian membrane. The kit includes contra-angle drills, depth stops for different lengths and a newly-designed manual osteotome.

## How does it work?

SinCrest drills are equipped with depth stops that allow the user to drill a guide hole in the alveolar bone at 8 different controlled depths. The innovative SinCrest manual osteotome was designed to obtain a controlled fracture of the bone floor through a 0.5 mm step-by-step process. The probe included in the SinCrest osteotome allows the constant monitoring of the residual resistance of the maxillary sinus and enables the user to lift it without tearing or perforation.

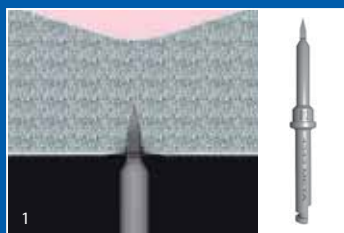
## What is it for?

The SinCrest technique allows the user to perform a controlled crestal osteotomy which lifts the cortical operculum without damaging the soft tissue.

## When should it be used?

The SinCrest technique may be used in cases of residual bone availability of 5 to 11 mm.

## Surgical sequence:



Locator Drill Ø 1.2 is used to identify the precise location of the implant and remove cortical bone tissue.



Probe Drill Ø 1.2 is used with depth stops. Only the tip of this drill is sharp to allow maximum cutting control during the stage approaching the sinus floor.



Guide Drill Ø 3.0 defines depth using a fixed stop. This drill allows the correct centering of the following drill.



SinCrest Drill Ø 3.0 is used with depth stops. Only the tip of this flat-ended precision drill is sharp. Its unique characteristics allow it to drill apical flat holes, which are necessary to use SinCrest osteotome.

# The revolutionary solution to lift the maxillary sinus floor

By combining micro-technology and clinical ergonomics, the revolutionary SinCrest osteotome ensures 3 functions:

1. Secure anchoring in soft bone thanks to the geometry of the threaded screws
2. Pre-set micrometric progress steps for a safe trigger of the bone operculum fracture
3. A safe and predictable fracture of the bone operculum and the prevention of any sinus membrane perforation risk



## Practical advantages:

- Minimally invasive and atraumatic technique
- Quick and simple operation; non-operator-sensitive technique when following protocol
- Maximum operative control in each step of the surgical procedure
- Insertion of any kind of implant starting from Ø 3.75 mm
- Predictable results
- Fully steam-sterilizable

## SinCrest Kit features:



### RISK FREE MANAGEMENT

Dedicated "Drill Gripper" allows the user to avoid direct contact with the drills



### TOP QUALITY

- Laser marking to identify the depth and diameter
- Alternate thickness of the depth marks
- Surface treatment to avoid the mirror effect of steel



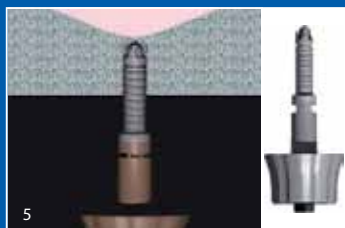
### TOTAL CONTROL

- 8 depth stops that range from 4 – 11 mm
- NO TOUCH system to position and release depth stops
- Interchangeable stops for all the drill diameters included in the kit



### FOCUS ON DETAILS

- Steam-sterilizable compact tray with pictograms for quick and easy identification of the tools and surgical sequence
- User-friendly stop holder and steel container, which may both be extracted and sterilized separately



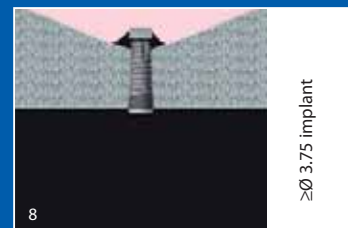
SinCrest Ø 3.0 osteotome is tightened until reaching the depth achieved by the drills.



Rotate the SinCrest handle by a ½ turn counter-clockwise. Then, while applying axial pressure start the osteotomy with a ½ turn in the clockwise direction. Repeat these "screw and unscrew" movements.



By applying manual pressure to the probe, constantly check the residual resistance of the maxillary sinus floor until the probe moves in and out with little resistance signaling the fracture of the cortical operculum.

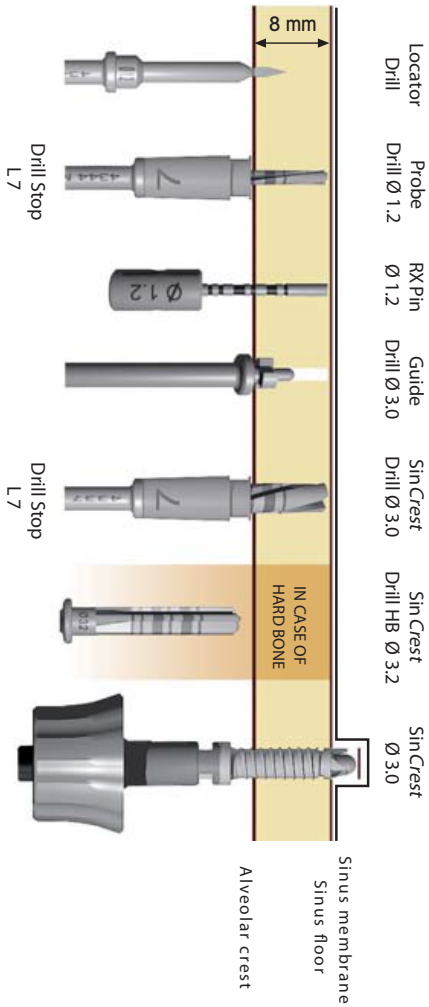


The implant insertion may be preceded by further lifting of the sinus membrane and placement of graft material.

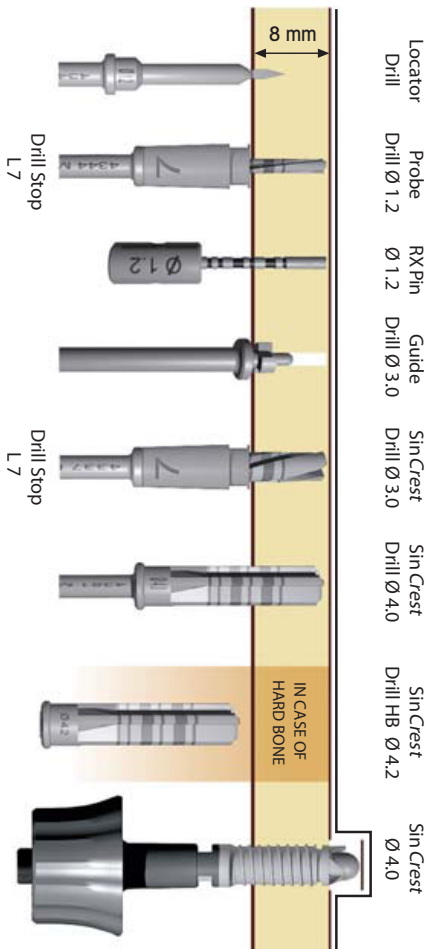
≥ Ø 3.75 implant



## SinCrest Ø 3.0 for $\geq \text{Ø } 3.75$ implant surgical sequence



## SinCrest Ø 4.0 for $\geq \text{Ø } 4.8$ implant surgical sequence



SinCrest Kit Ø 3.0/4.0 Ref 4418	SinCrest Medium Kit Ø 3.0 Ref 4500	SinCrest Mini Kit Ø 3.0 Ref 4465	Ref	Description
•	•		4343	Locator Drill
•	•		4344	Probe Drill Ø 1.2
•	•		4380	Guide Drill Ø 3.0
•	•	•	4337	SinCrest Drill Ø 3.0
•	•	•	4381	SinCrest Drill Ø 4.0
•	•	•	4338	SinCrest Drill HB Ø 3.2
•	•	•	4340	SinCrest Drill HB Ø 4.2
•	•		4354	RX Pin Ø 1.2
•	•		4356	RX Pin Ø 3.0
•	•		4357	RX Pin Ø 4.0
•	•		4379	Sin Probe Ø1.2
•	•	•		SinCrest Ø 3.0
•	•	•		SinCrest Ø 4.0
•	•	•	4339	Drill Gripper
•	•	•	4341	Screwdriver
•	•		4406	Drill Stop L4
•	•		4407	Drill Stop L5
•	•		4408	Drill Stop L6
•	•		4409	Drill Stop L7
•	•		4410	Drill Stop L8
•	•		4411	Drill Stop L9
•	•		4412	Drill Stop L10
•	•		4413	Drill Stop L11
•	•		4342	SinCrest Tray
•	•		4540	SinCrest Medium Tray

All referenced parts are available separately.

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