

Kit that enables safe and quick lifting of the Sinus membrane without perforation

# CAS KIT

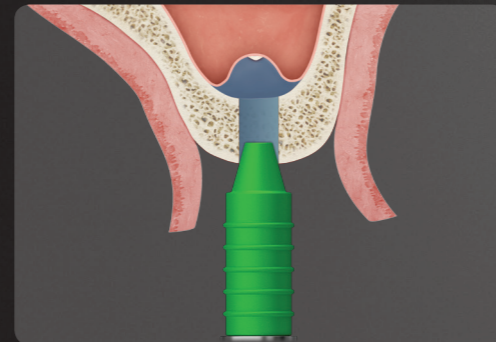
## Minimizes Maxillary Sinus Membrane Perforation

- The Drill with round-shaped cutting edge minimizes Sinus membrane perforation



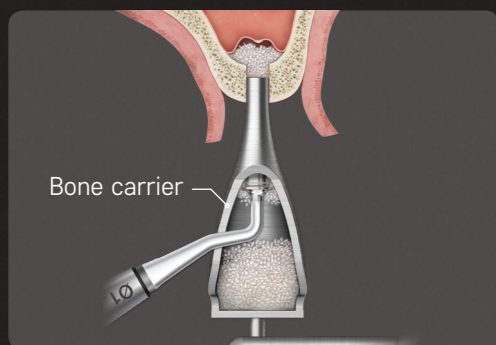
## Safely Lifts Membrane with Hydraulic Pressure

- Lifts maxillary sinus membrane widely via hydraulic pressure
- Smoother blood supply as sinus lifting maximizes osteogenesis



## Fast Bone Grafting and Prevention of Secondary Infection

- Funnel shaped bone carrier minimizes the risk of secondary infection from foreign substances
- Able to inject 0.15cc of bone graft material at a time which leads to quick bone grafting

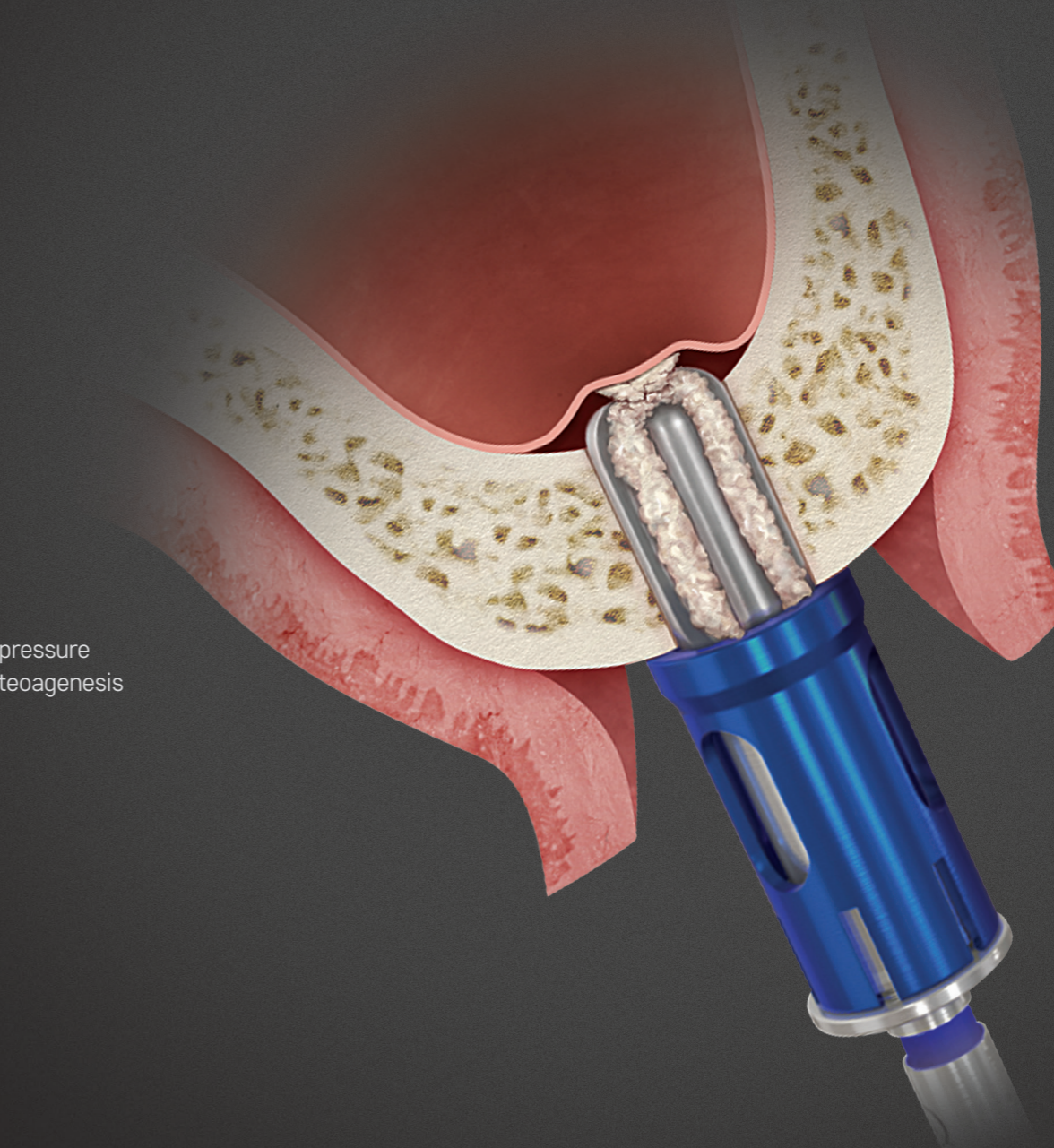
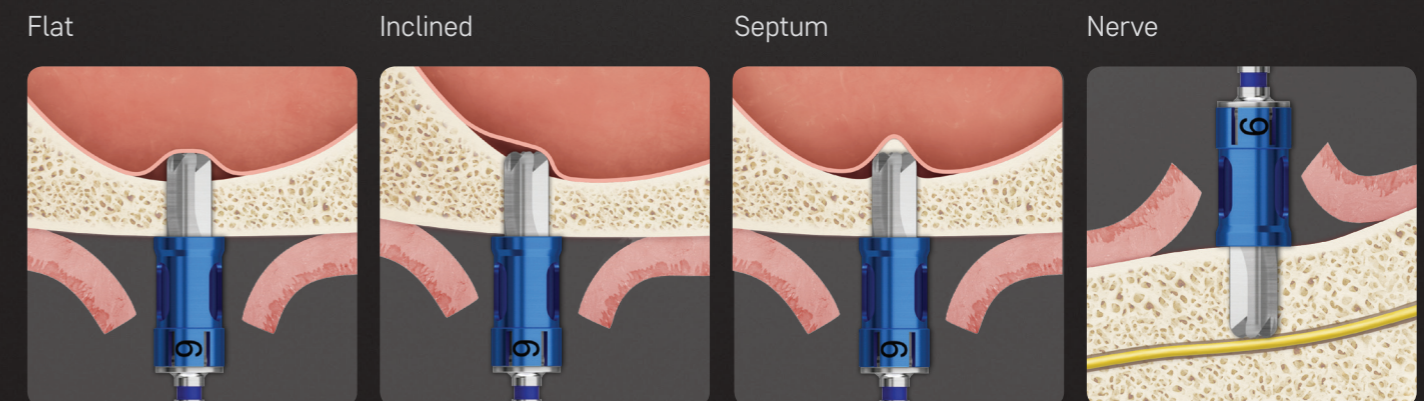


## Collection of Autogenous Bone

- Autogenous bone is collected as bone chips are formed between the cutting blades



## Applicable to Various Cases

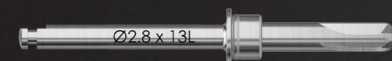




## CAS KIT Components

### CAS Drill (Short/Long)

- A conical bone lid is formed on the drill tip when drilling is performed and allows safe lifting of the membrane
- Choosing the right diameter of the final drill does not depend on the shape of the Fixture but depends on the bone density



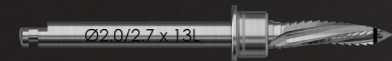
### Stopper

- The Stopper's number indicates the length of the drill's protruded part to allow a safer Sinus lift surgery
- Different color codings by lengths



### Guide Drill

- Drill for marking the drilling site for the Fixture
- The cutting blades on the side allow cutting of the Tooth extraction site's lateral walls
- A marking line, 2mm below the drill tip



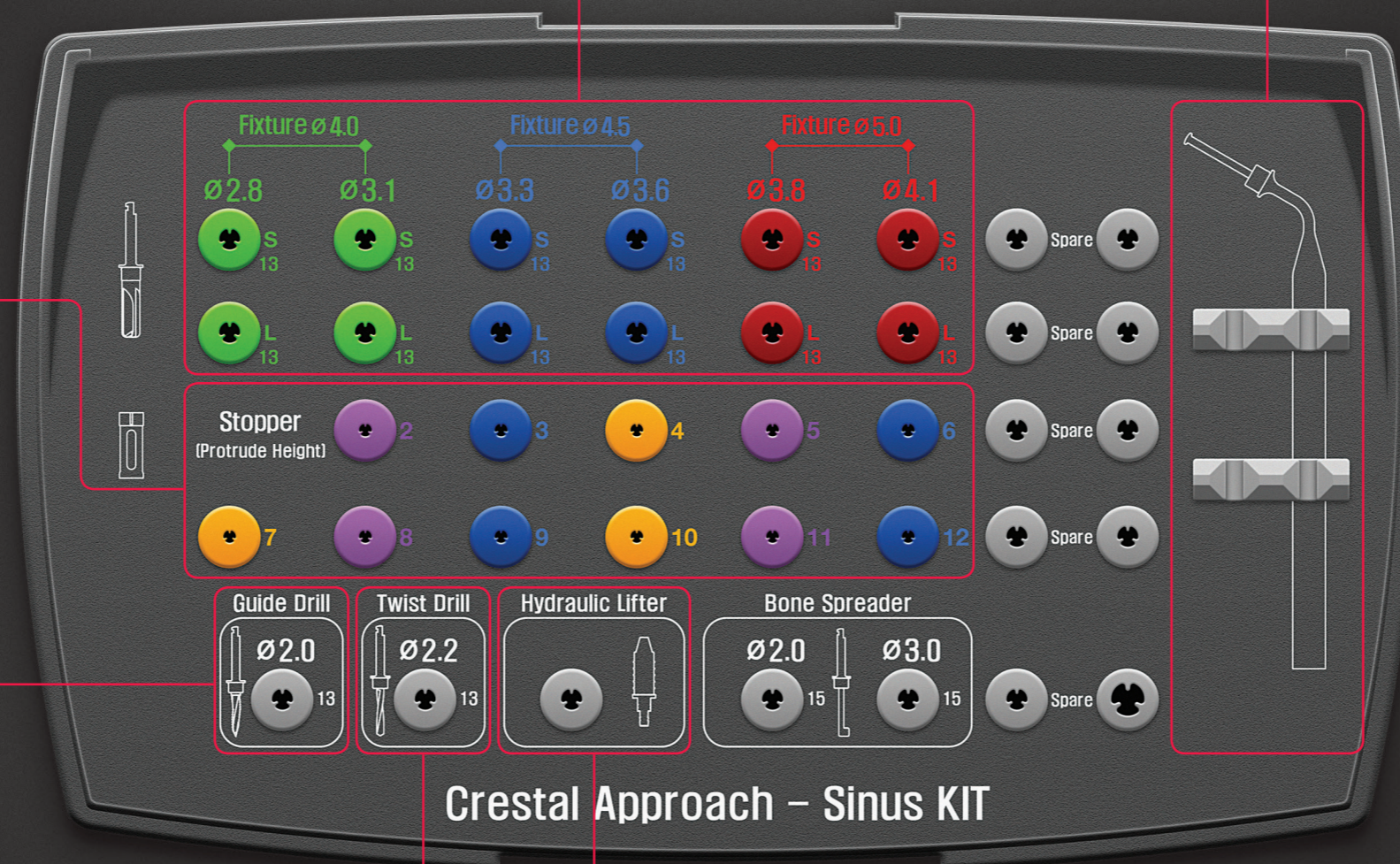
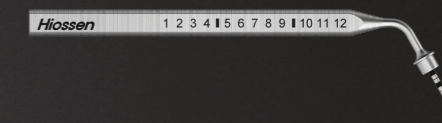
### Ø2.2 Twist Drill

- Initial drill, used before the CAS drills
- Recommended to drill 1mm less before reaching the Sinus



### Depth Gauge

- Gauges the depth of the drilling site and is used to check whether the Sinus membrane is lifted or not



## Crestal Approach – Sinus KIT

### Components in the Lower Deck

#### Bone Carrier

- Component for grafting bone into the elevated Sinus membrane
- Fills bone materials until the marking line on the Head part of the bone carrier, and gradually grafts bone into the Sinus afterwards using a bone condensor



#### Bone Condenser

- Tool that grafts bone materials into the Sinus



#### Hydraulic Lifter

- Tool for safe lifting of the Sinus membrane with hydraulic pressure
- Is recommended to be used with a 3cc syringe

