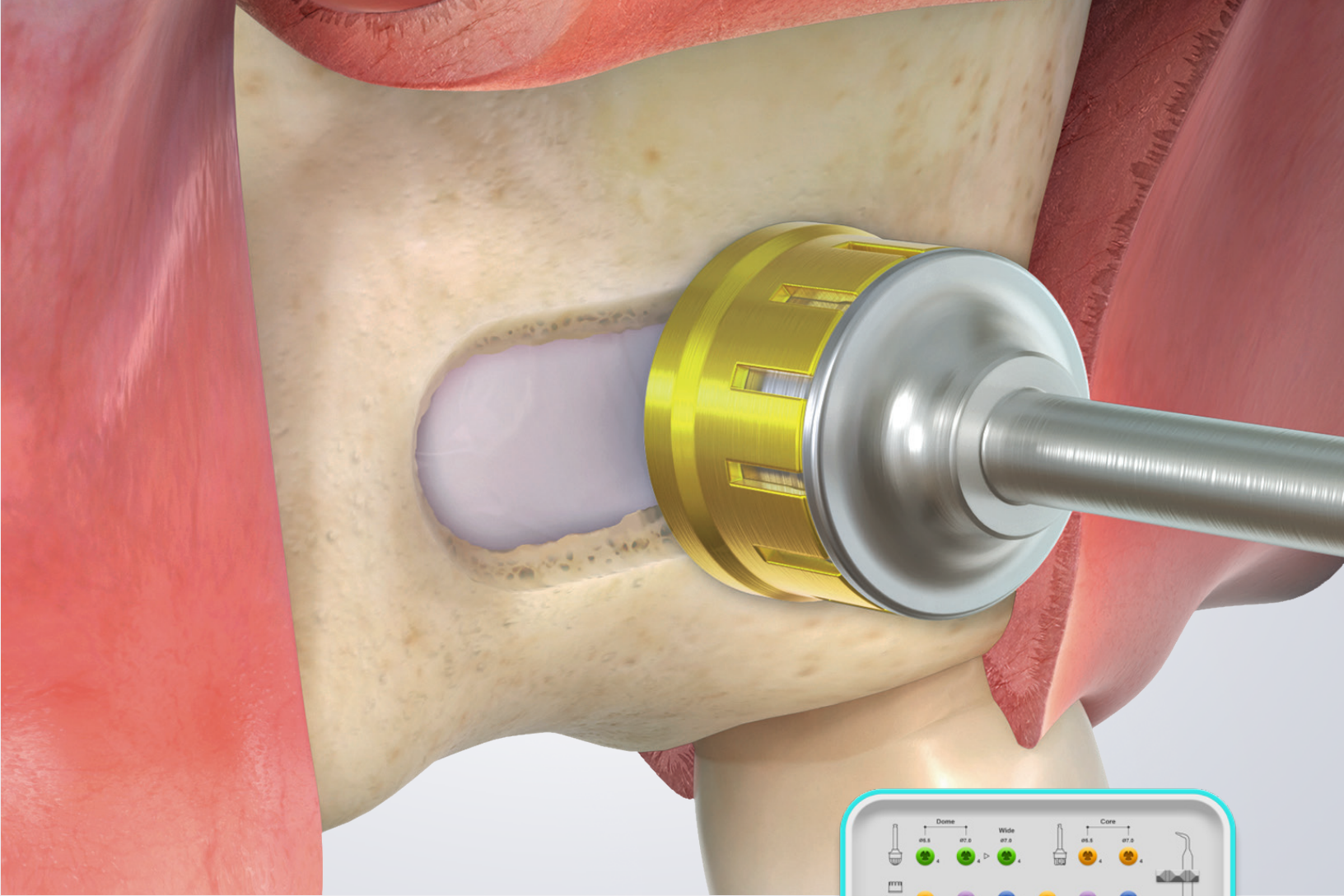


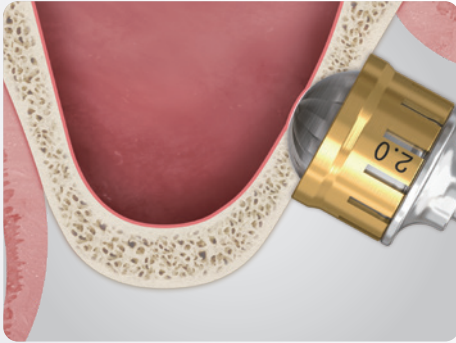
LAS Kit

- Forms lateral window safely with sharp macro and micro blades
- Convenient and detailed depth control with stoppers
- Inverse conical design effectively bone lid without perforation

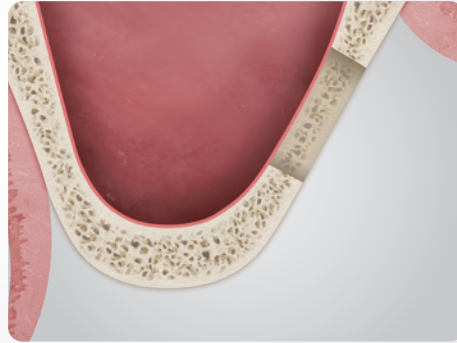
HIOSSEN
IMPLANT

Minimizes the risk of membrane perforation

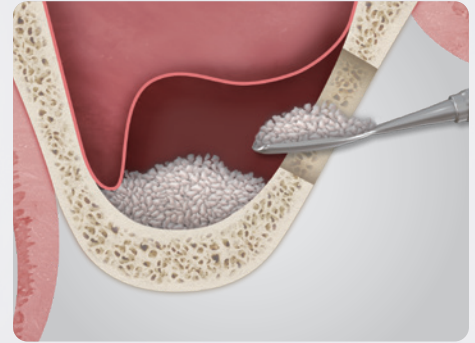
- Placing dental implants in the posterior maxilla can be a challenging surgical procedure because of the reduced bone height due to the presence of the sinus
- Hiossen® Implant's Lateral Approach Sinus Kit, or LAS-kit, is designed for a safer sinus lift to aid in the augmentation of the sinus bone



Preparation for lateral window



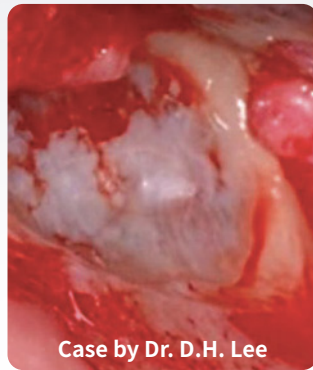
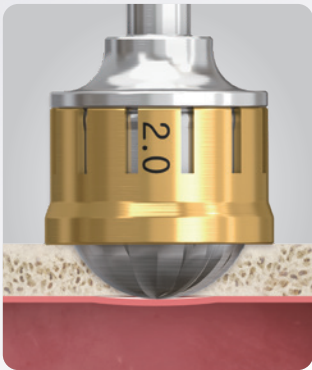
Window extension



Bone grafting

Dome drill

- Minimizing direct contact with the membrane by forming a bone lid
- Effective depth control with stopper system (0.5mm increment). Prevents soft tissue damage



Case by Dr. D.H. Lee

Cutting Speed: 1,200-1,500rpm



Formation of bone particles between the cutting blades



Core drill

- Round-shaped cutting edge minimizes direct contact with the membrane
- The inverse conical drill tip and round edge design helps prevent membrane perforation

* **Caution:** Over drilling may cause membrane perforation



Case by Dr. Y.S. Cho

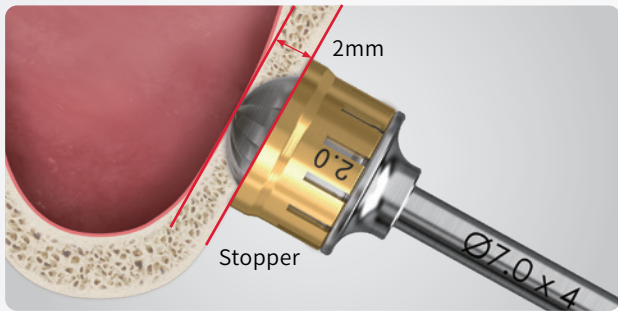
Cutting Speed: 1,200 –1,500rpm



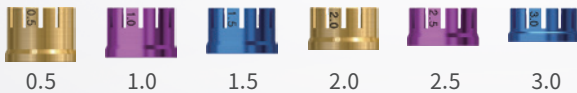
Autogenous bone chips are collected between cutting edges



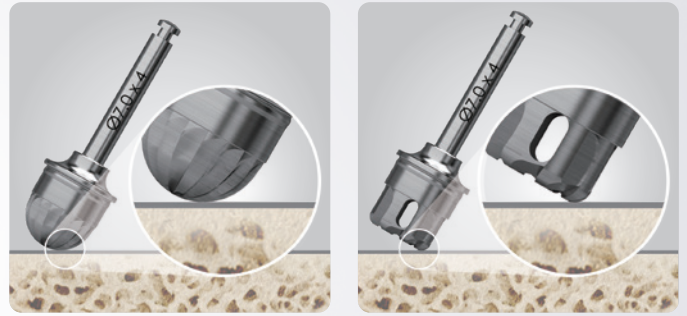
Provides simplicity to control residual bone depth



- Drilling depth controlled with effective stopper system (0.5mm increment) and prevent soft tissue damage
- A total of 6 stoppers (Unit: length, mm)



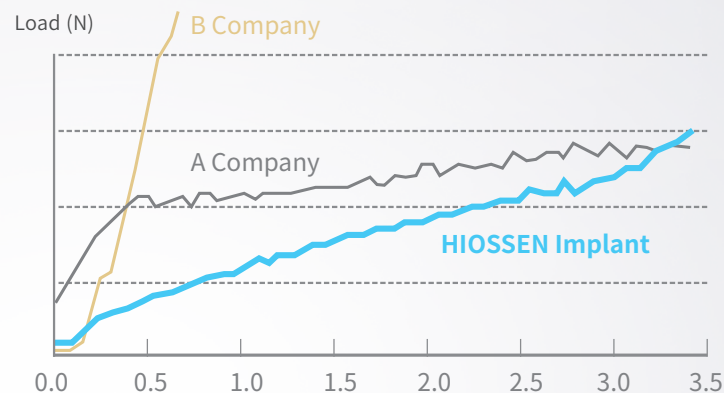
Convenient to use even for limited space at surgical site



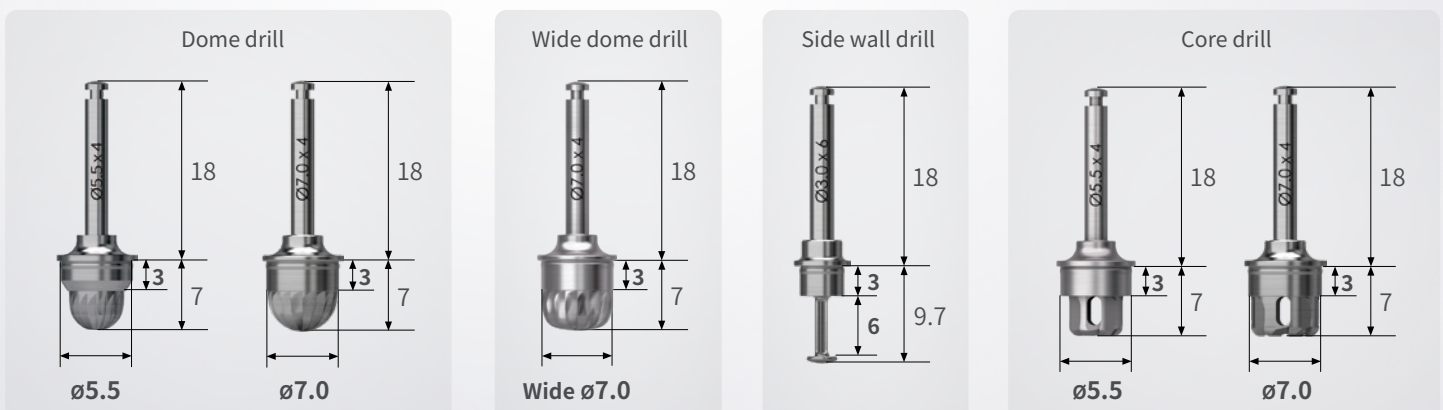
- To create an osteotomy, the drills needs to be perpendicular to the bone
- The drill can be tilted to access the limited space at the surgical site

Excellent Dome and Core drill cutting ability

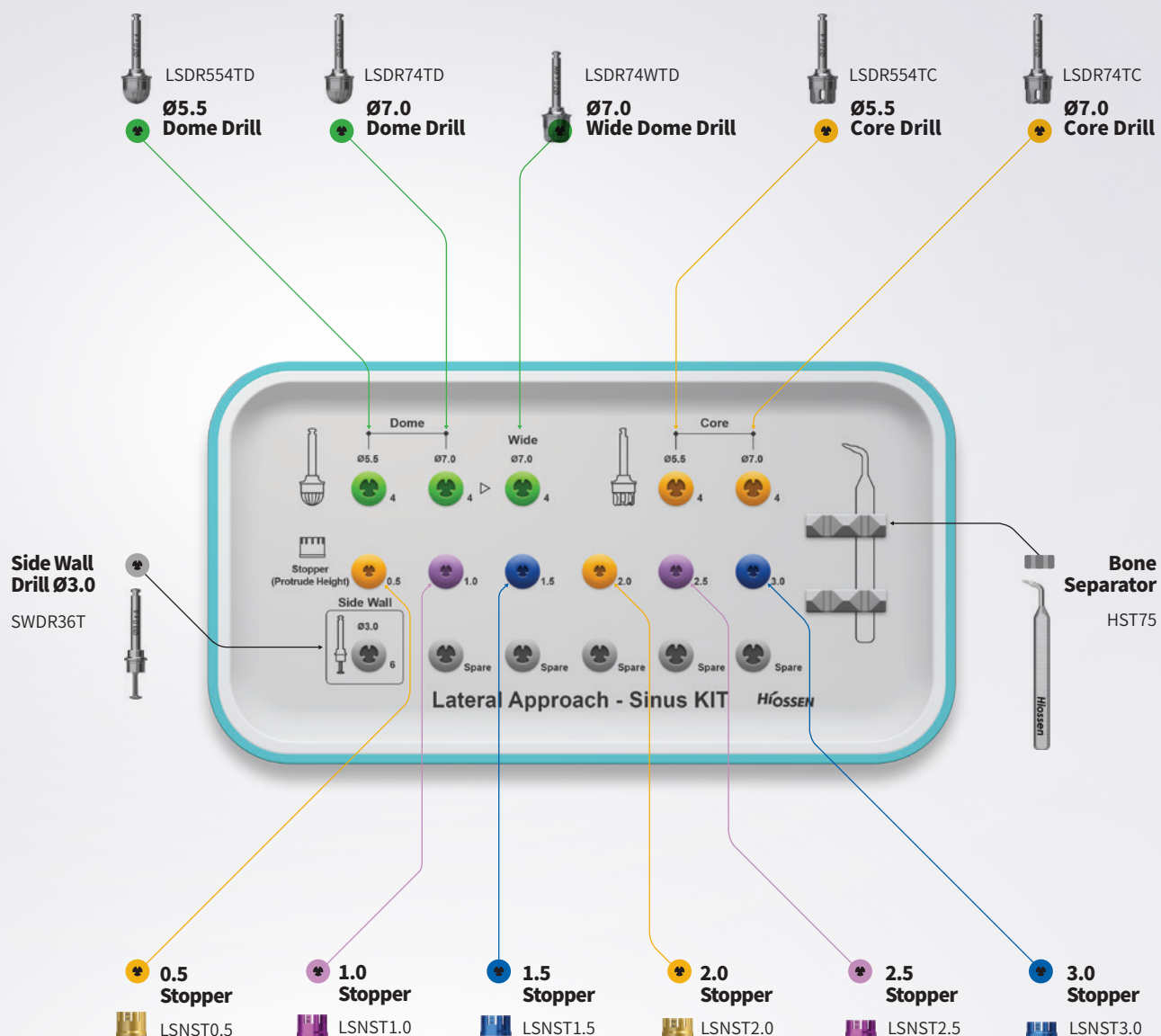
- Reduce chair time with high-speed drills
- Macro and micro cutting blades offer excellent cutting capabilities



Drills specification



LAS Kit layout and components



	Drill	Main feature	Stoppers	Cutting speed
1	Dome Drill	Creates window while collecting autogenous bone	Drilling depth controlled with effective stopper system	1,200 - 1,500 rpm
2	Wide Dome Drill	Used to widen the window after using Dome drill	Drilling depth controlled with effective stopper system	1,200 - 1,500 rpm
3	Core Drill	Creates window whilst creating bone lid to minimize direct contact. Follows successful inverse conical shape design concept of CAS drills	Drilling depth controlled with effective stopper system	1,200 - 1,500 rpm
4	Side Wall Drill	Enlarges the window after using Dome drill Recommend to use cutting edge 1mm from the bottom	Can be used with CAS-Kit Stoppers	1,500 rpm



PF26LASLTR1.0

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