

Lateral Approach Kit



Video
Clip

Water lift system is composed of A.I. Drill designed to decide the transmission of power by itself in reaction to the pressure delivered to the tip of the drill and Aqua-Lifter which is a sinus membrane lifting system by hydraulic power. Therefore water lift system can help dentists to do easy operation when dentists operate sinus membrane lifting.

- Dentists get same result in operation whoever operates as A.I. Drill makes drilling by depth by itself under in any bone tissue, bone inclination and bone depth.
- Hydraulic power lifting by pascal principal is safe as sinus membrane is lifted by same pressure.
- This system is designed under fully considered various treatment environment of sinus membrane. No matter what implant surgery will be done, it can be adopted by special and unique drills.

1st AI DRILL ϕ 2.8

- Contra Angle
- Straight

Drilling until it stops automatically

2nd AQUA LIFTER ϕ 3.0

Lifting membrane off from bone by hydraulic pressure. Combine with the Luer-Lok syringe and use saline solution.

3rd BURIN DRILL / WIDE BURIN DRILL

- Contra Angle
- Straight

Making a sinus osteotomy window

AI DRILL DISMANTLER

Dismantling AI DRILL for cleaning & sterilization.

4th OLA-KIT OSUNG Lateral Approach OSUNG MIND

- ISSL1** For carrying bone particles.
- ISSL2** For mesial & distal area.
- ISSL3** For right & left area.
- ISSL4** For farther access to right & left area.

Sinus Lift

- Useful for separating sinus membrane after making window.

Aqua Lifter

- Use together with disposable syringe.
- inject 1.0~1.5cc of saline solution or contrast medium.

A.I. Drill_Straight

- For straight angle.
- It stops automatically when the fend point of the drill touches membrane.
- (Running speed : 6,000rpm)

A.I. Drill_Contra Angle

- Extra shank for contra-angle handpiece.
- Combine the shank to upper structure of Lateral A.I. Drill.
- It stops automatically when the fend point of the drill touches membrane.

Burin Drill

- Ball-end design for minimizing the damage of the membrane.
- It has cutting blades in the flank, which designed ideal for window opening.

Wide Burin Drill

- Ball-end design for minimizing the damage of the membrane.
- It has cutting blades in the flank, which designed ideal for window opening.

A.I. Drill Dismantler

- Tool for changing Lateral A.I. Drill to contra-angle.

Practice 1.



01

AI Drilling

- Set the position of hole in front and lower area if possible as it is best position to lift membrane safely and effectively.

02

Aqua Lifter

- Fill 1.0~1.5cc saline solution in the chamber of a plastic syringe.
- Attach the Aqua Lifter to the plastic syringe, and then engage the end part of the Aqua Lifter into the hole.
- Inject the solution to elevate sinus membrane.

03

Burin Drilling

- After separating sinus membrane, use the Burin Drill to open window.

04

Enlarging the size of window

- Use wide Burin Drill to enlarge.

05

Sinus Membrane And Elevation

- Lift sinus membrane from side and lower area through window.

06

Bone Graft

- Fill graft material.

Practice 2.

ISSL1 LEFT TIP



1. Separate sinus membrane and tidy up the area around window.

ISSL2 LEFT & RIGHT TIPS



2. Separating sinus membrane in lower area of hole peripheral and by long distance.

ISSL3 LEFT & RIGHT TIPS



3. Separating sinus membrane in left and right hole peripheral.

ISSL4 LEFT & RIGHT TIPS



4. Separating sinus membrane by long distance in left and right hole

ISSL1 RIGHT TIP



5. Carrying bone graft material

ISSL3 LEFT & RIGHT TIPS



6. Put bone graft material into window.