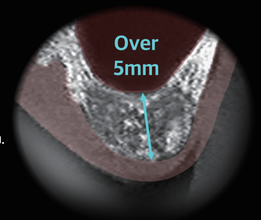
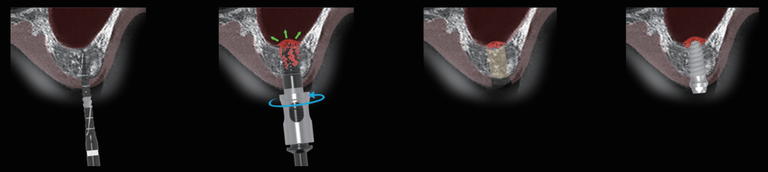
# Bicortical Fixation

## Quick & Safe Autogenous Bone Lift




A simple and efficient approach for cases with ≥5 mm residual bone height.
Bone chips created by the Compaction Drill gently lift the membrane by 1-2 mm.
Stable bicortical anchorage achieved without additional bone graft material.

### Workflow



Initial Drill | Compaction Drill Ø3.0 / Ø3.5 | Autogenous Bone Chip Elevation | Implantation

- Initial Drill — Ensures precise positioning and reduces cortical resistance to prevent drill deviation.
- Compaction Drill — The Compaction Drill generates autogenous bone chips from the surrounding bone.
- Bone Chip Elevation — Autogenous bone chips act as a buffer, reducing membrane stress and minimizing perforation risk.
- Implantation — Stable bicortical fixation achieved without additional grafting.

### Clinical Case

Case 1

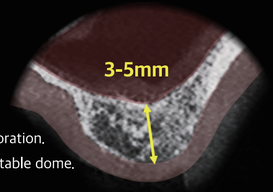

bright Implant Bone Level (Ø4.5 × 9.0)

Case 2


bright Implant Tissue Level (Ø4.0 × 7.0) | Healing After 3M

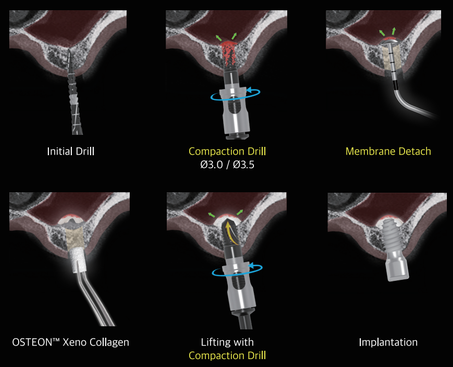
# Crestal Approach

## Predictable Crestal Elevation




A safe alternative to the lateral approach for residual bone height of 3-5mm.
A predictable vertical elevation system minimizes the risk of membrane perforation.
A Bone Spreader with collagen graft material creates uniform tenting and a stable dome.

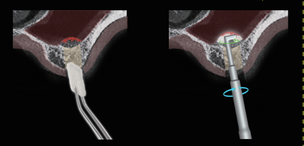
### Workflow



Initial Drill | Compaction Drill Ø3.0 / Ø3.5 | Membrane Detach | OSTEON™ Xeno Collagen | Lifting with Compaction Drill | Implantation

### Crestal Approach+

Additional Option



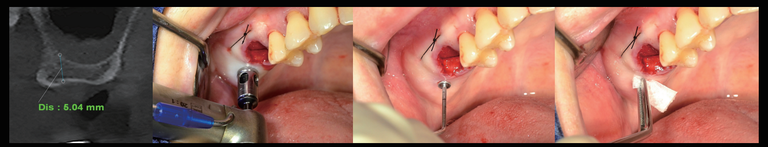
Collagen Graft | Spreading with Bone Spreader

In cases with around 3 mm of residual bone, additional collagen graft is placed to protect the membrane and act as a buffer.

The collagen graft is shaped into a dome to support stable elevation.

- Membrane Detaching — Precise vertical detachment using a hand instrument to reduce membrane perforation risk.
- OSTEON™ Xeno Collagen — Collagenated bone graft material is added as needed for stable sinus dome formation.

### Clinical Case

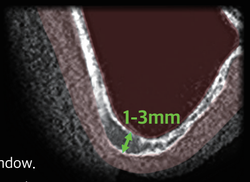



Collagen Graft x1D

OSTEON™ Xeno Collagen | bright Implant Tissue Level (Ø4.0 × 7.0)

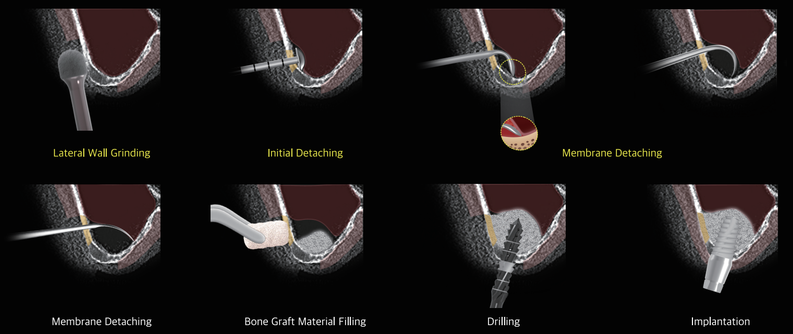
# Lateral Approach

## Minimal Lateral Window Access




A flexible approach that allows access from multiple angles, even in cases with 1-3 mm of residual bone.
Provides adequate access and membrane elevation through a minimal lateral window.
Improves visibility and maneuverability in challenging cases, reducing perforation risk.

### Workflow



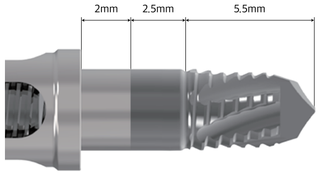
Lateral Wall Grinding | Initial Detaching | Membrane Detaching | Membrane Detaching | Bone Graft Material Filling | Drilling | Implantation

- Lateral Wall Grinding — Minimal window formation to minimize heat generation during drilling.
- Initial Detaching — Membrane tension release and initial detachment.
- Membrane Detaching — Stepwise detachment for stable sinus dome formation.
- Bone Graft Application — Secure placement of collagenated bone graft material within the window.

### Clinical Case


OSTEON™ 3 Collagen | bright Implant Bone Level (Ø4.0 × 7.0)

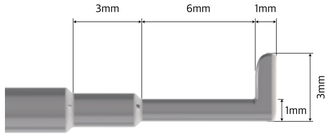
## Product Specification




### Compaction Drill

Diameter : Ø3.0 / Ø3.5
Length : 35mm
Key Features

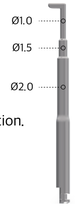
- Reverse-cutting geometry facilitates bone compaction and elevation of autogenous bone chips.
- Adjustable stopper with a 4-10mm range for precise depth control.
- 50rpm / 70Ncm (Non Irrigation)

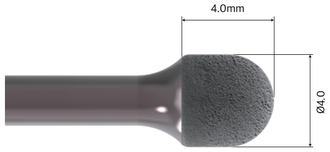




### Bone Spreader

Diameter : Ø3.0
Length : 33.5mm
Key Features

- Designed for gradual expansion and controlled elevation.
- Supports dome-shaped elevation while minimizing membrane tension.
- 50rpm / 70Ncm (Non Irrigation)




### Lateral Drill

Diameter : Ø4.0
Length : 28mm / 40mm
Key Features

- Optimized geometry for lateral window preparation, ensuring smooth and stable bone removal.
- Multi-angle access for easy handling in restricted spaces.
- 1,000rpm / 30-45Ncm (Irrigation)



### Hand Instruments

Designed for fine tactile control, enabling delicate sinus membrane detachment and elevation.

DASK Simple_Leaflet_EN_2026.05 (Rev.00)

# DASK *Simple*

Bicortical · Crestal · Lateral

ONE PREDICTABLE SYSTEM

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