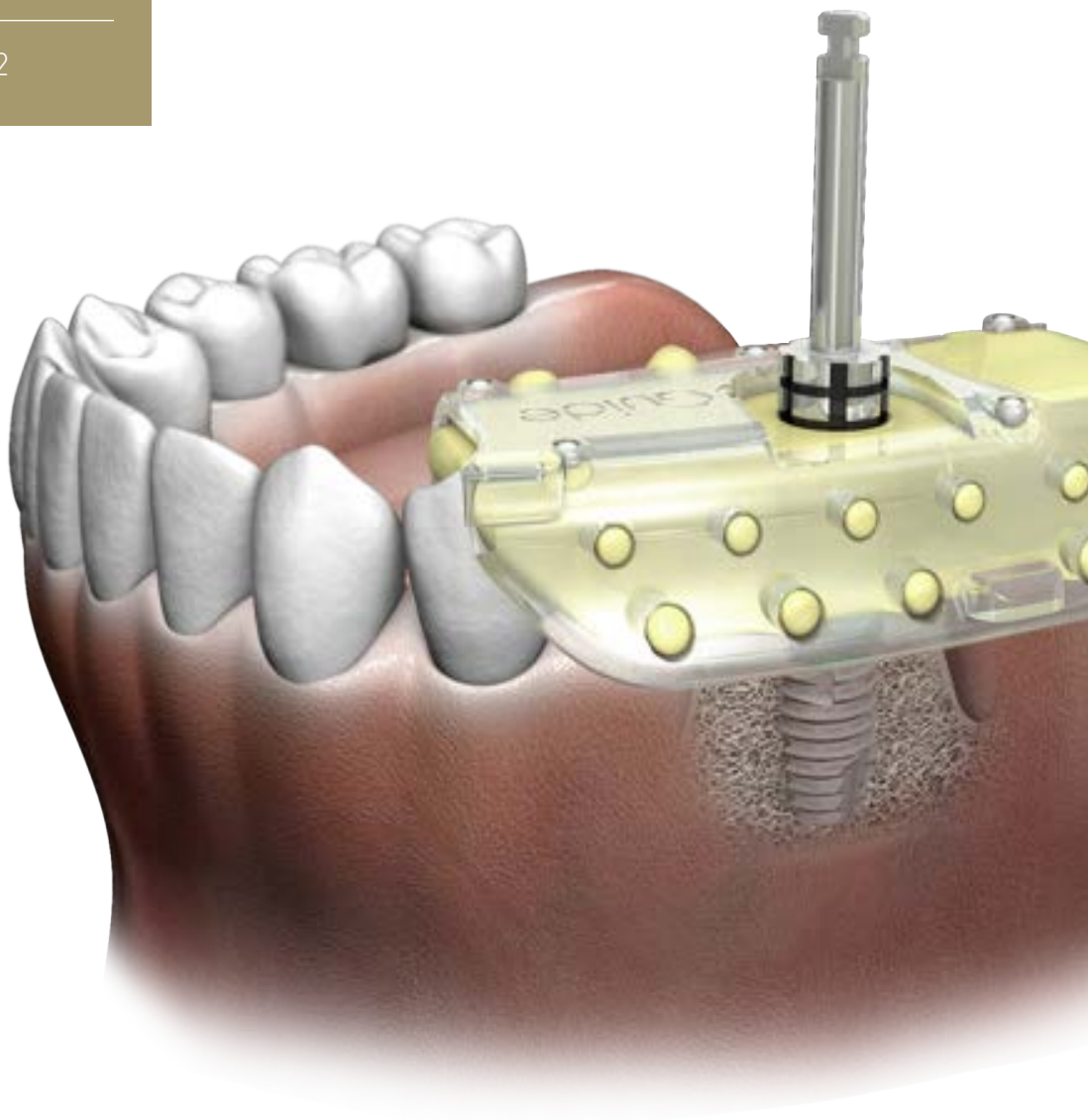


VARO Guide

Very Accurate, Reliable, One-visit Guide

2020.10 E-Ver.02



WHAT is **VARO**Guide?

Very Accurate, Reliable, One-visit Guide

VAROGuide

30 MIN ONLY

NO Intra-Oral Scan!
Model Scan!

Chairside Fabricated
**Surgical Guide within
30mins**

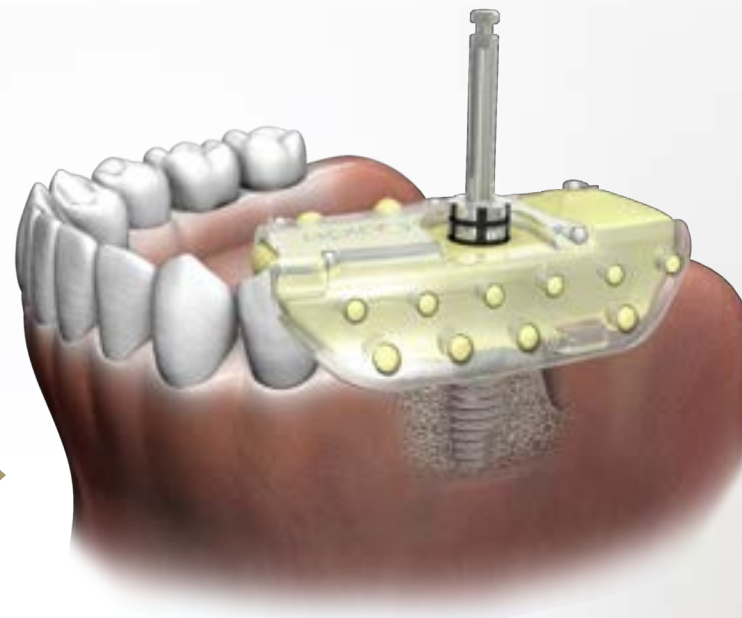
Impression Tray Instantly Fabricated into a Surgical Guide



PreGuide (Impression Tray)



Impression

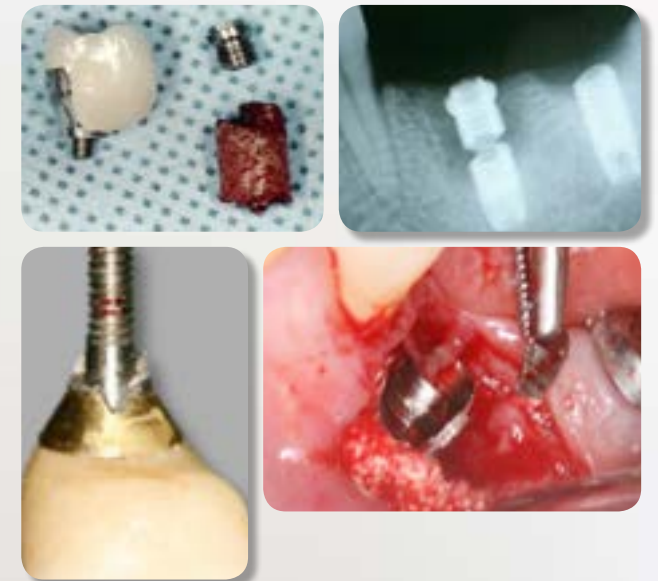


VAROGuide (Surgical Guide)

Assure Implant Success

Common causes of implant failure

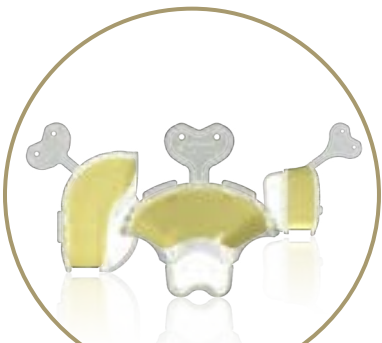
- Cantilever from wrong implantation
- Fixture & Abutment fracture from bending moment



- Allows successful restoratively driven surgical plan
- Prevent fixture & abutment fractures

VARO Guide Workflow

*Scan the QR code to watch videos for each step



Impression with PreGuide



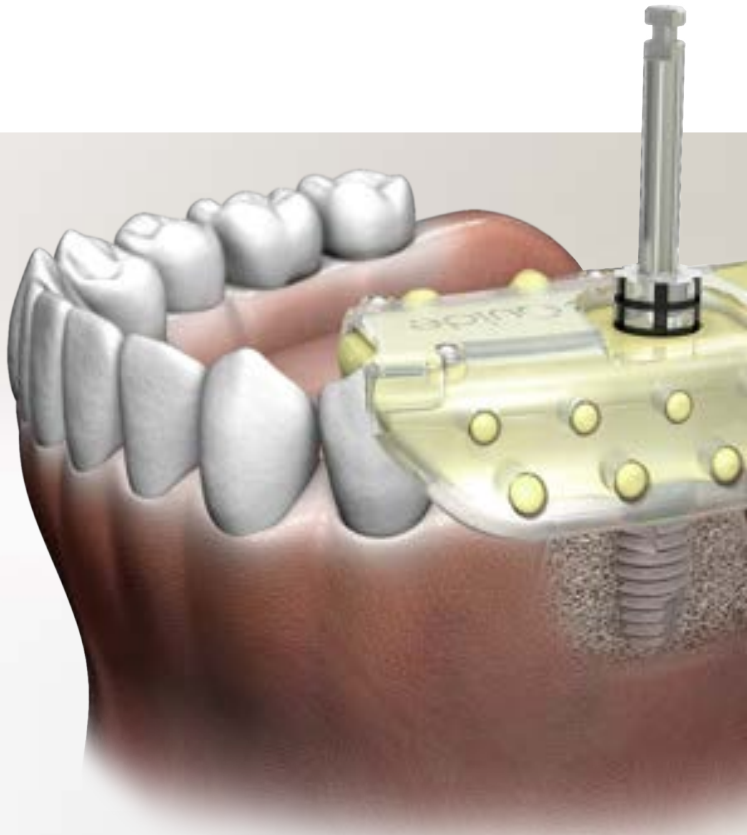
Taking



Implant Planning



PreGuide Milling



VARO Guide Surgery



01 Impression

With a uniquely manufactured light-cure resin filled PreGuide, take an accurate impression.

02 3D CT Scan & Analysis

Simply take CBCT while the patient is biting the light cured PreGuide.

03 Virtual Implantation

Virtually plan the ideal implant position via simulation.

04 Guide Fabrication

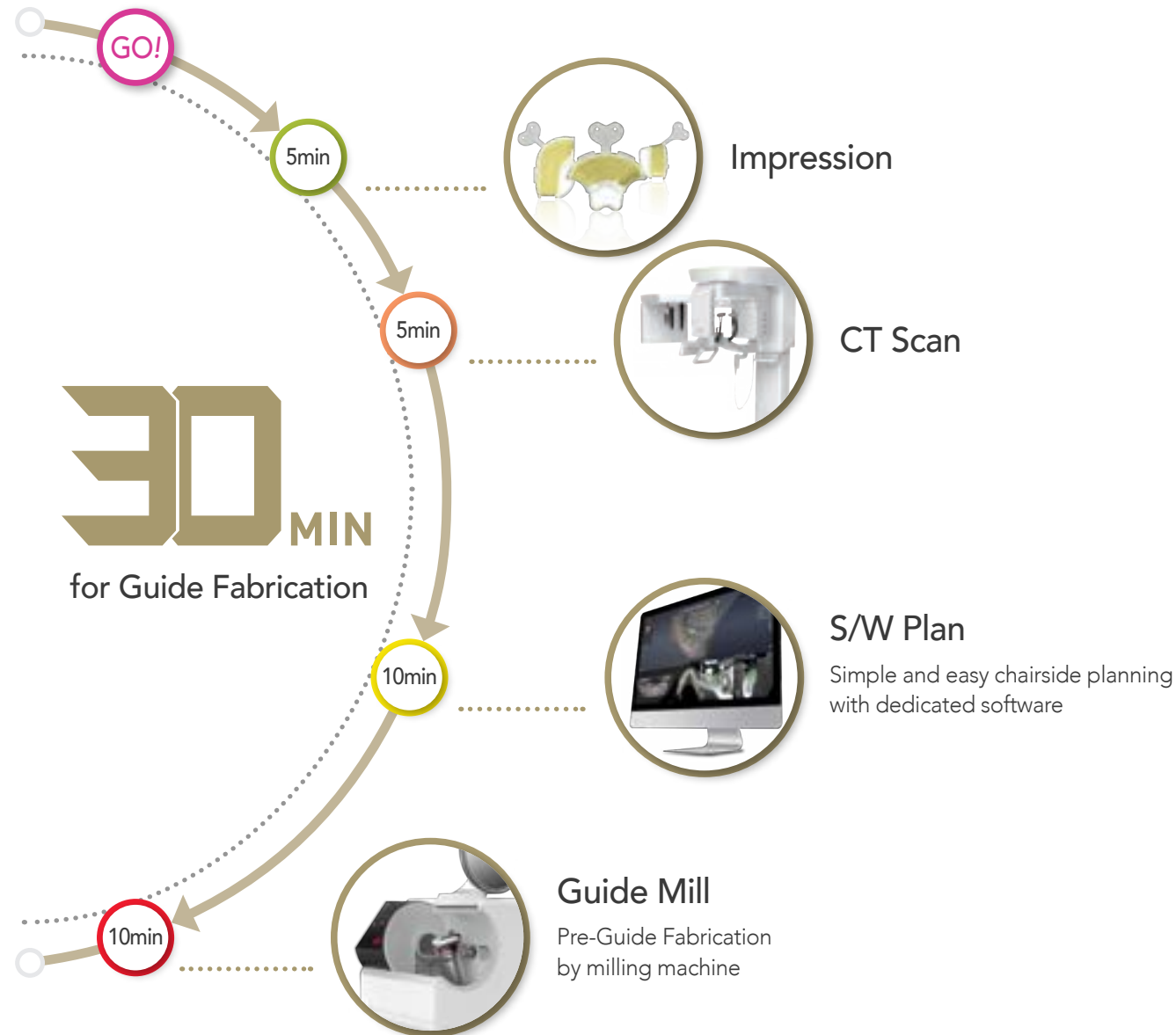
Rapidly fabricate a guide hole by using VARO Mill (CAD/CAM Milling Machine)

05 Accurate Guided Surgery

VARO Guide assures high accuracy and predictability of guided surgery for long-term success.

VARO Guide Process

New Age of Guide from preparation to fabrication, milled and completed at clinic within 30 minutes

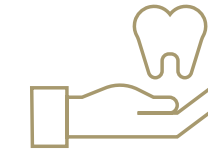


VARO Guide Feature& Benefit



Fast!

- Requirement : CT Scan ONLY
- Reduced Process : PreGuide Impression Model = Surgical Guide
- Fabrication Time ↓ : Guide hole milling ONLY (5-axis milling machine) / No 3D Print
- Fabrication Time : 30 min / 10X Faster (Conventional Guide Fabrication Period : 1 week)
- Patient Visit ↓ : Guide Fabrication + Surgery in One-visit



Simple!

- Simplified Process : CT Scan ONLY, No Model or Intra-oral Scan
- Precise Coordination in Planning : 3-Point Click ONLY
- Intuitive & Simple : PreGuide Impression Model = Surgical Guide
- Auto File Extraction : No Separate Design or Arrangement to Mill Guide Hole



Accurate & Precise!

- Impression guide itself is milled as a surgical guide
- Minimized Process : Significantly reduced error from extra fabrication process
- Accurate Implantation Position : Minimized tolerance

Conventional Guide



VS

VARO Guide



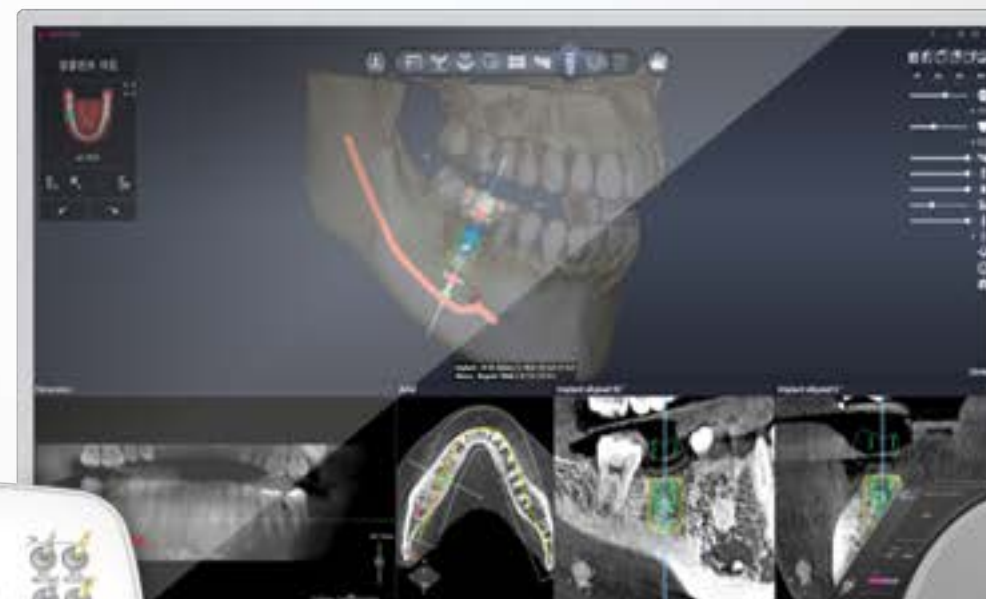
Error Range ↓
Increase precision compared to general guide

Very Accurate, Reliable, One-visit Guide

VARO Guide Components

VARO Plan

Planning SW dedicated to VARO Guide



VARO Guide Kit



PreGuide

Preliminary frame of
VARO Guide



VARO Mill

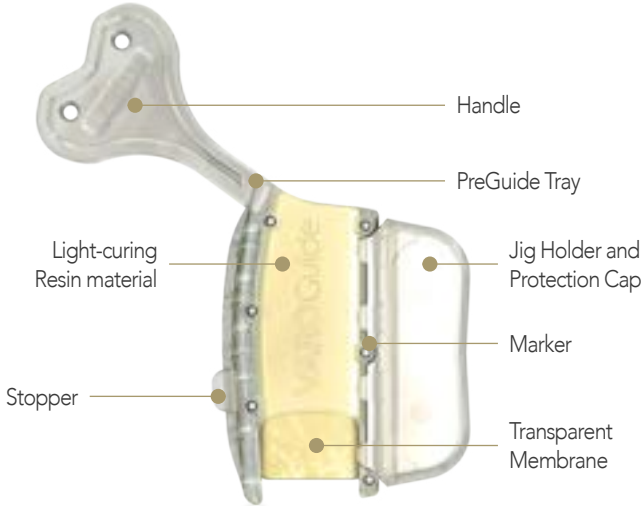
Milling Machine dedicated
to PreGuide

VARO Guide Components

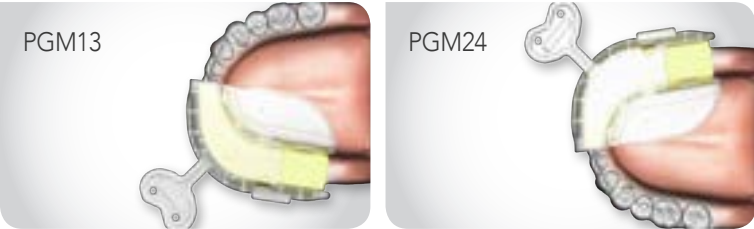
PreGuide

Pre-Guide is a preliminary frame of VARO Guide. After impression intra-orally taken and milled as implant location, Pre-Guide is finalized as VARO Guide.

* No.13 is for maxillary right posterior and mandibular left posterior
 * No.24 is for maxillary left posterior and mandibular right posterior



PGS [PreGuide Single]
 Applied on 1 or 2 teeth loss in posterior maxilla or mandible



PGM [PreGuide Multiple]
 Applied on 2 or 3 teeth loss in posterior maxilla or mandible



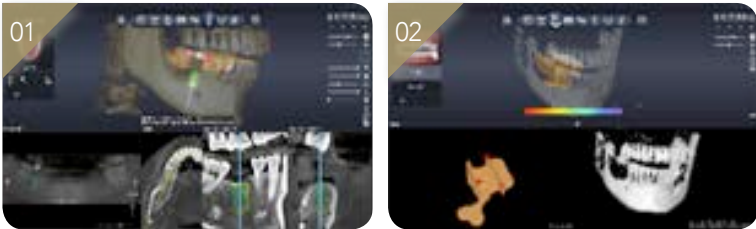
PGA [PreGuide Anterior]
 Applied on 1 to 4 teeth loss in anterior maxilla or mandible

PGF [PreGuide Full arch]
 Applied on Multiple teeth loss in entire arch of maxilla or mandible

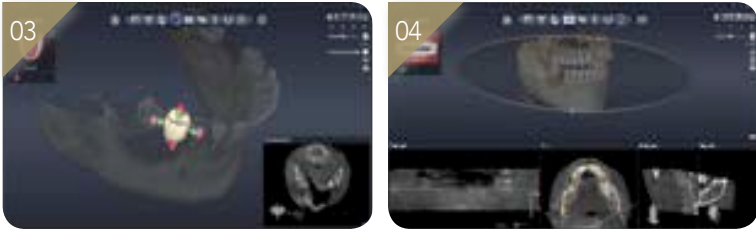
VARO Guide Components

VARO Plan

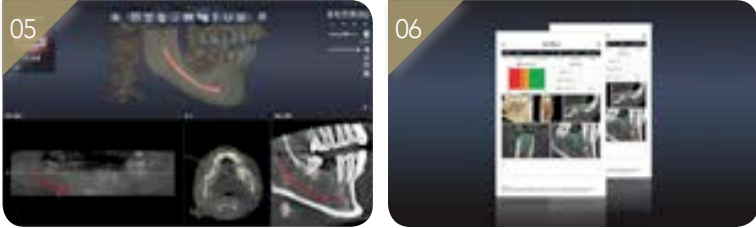
Implant Planning S/W of VARO Guide System



01 Simple & Easy User Interface
02 Markers for Accurate Merging



03 Simple & Easy Crown Design
04 Re-organization of Panoramic Image



05 Marked Identified Nerve
06 Auto-extracted Surgical Report

VARO Guide Components



VARO Mill

- Milling Planned Implant Hole (Sleeve) on PreGuide Impression Model
- 5-axis CAD-CAM Milling Machine for VARO Guide System

01

Good Design

- Elegant & Modern Design harmonizing with clinic interior

02

Simple Use

- Simple & Easy user interface to control

03

Quick and Accurate

- Accurate Milling as planning (10min per hole)

04

5-Axis Milling

- Smooth and Stable power transmission from ball screw in 5-axis Machine

05

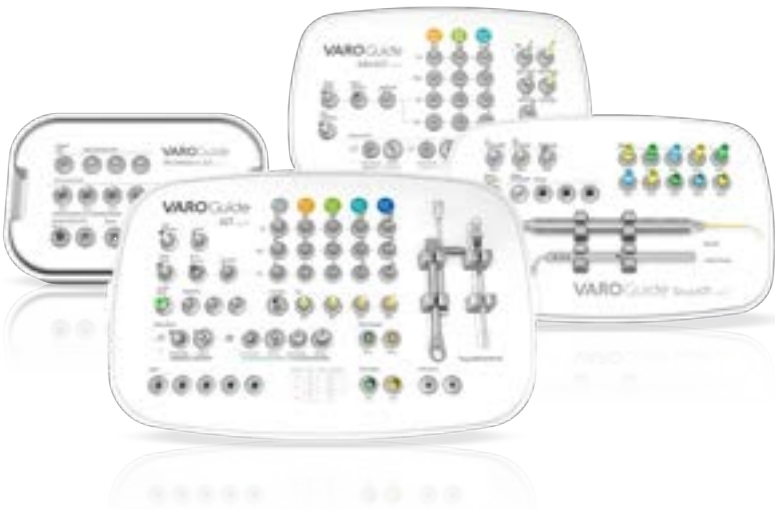
Easy to Install

- Compact size(370x500x390) and Light weight(35kg) for easy installation and migration
- No vacuum or Air pressure required but operated via electrics only; Installation site not limited

VARO Guide Components

VARO Guide Kit

Surgical Kit dedicated to VARO Guide



[VARO Guide Kit]



- Fundamental Kit of VARO Guide System
- IS & IT Fixture Compatible; Ø 3.5 / 4.0 / 4.5 / 5.0

[VARO Guide Accessory Kit]



- Anchor for Surgical Guide Fixation (Vertical Anchor / Lateral Anchor)
- Ø Single Guide Drill

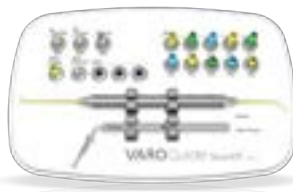
[VARO Guide Mini Kit]



- Surgical Kit dedicated to Mini Fixture

*S-mini Fixture : Ø2.5 / 3.0 / 3.5
*Narrow Fixture : Ø3.2 / 3.5

[VARO Guide Sinus Kit]



- Surgical Kit dedicated to Sinus Lift

VARO Guide Clinical Case #1

#11 / IS-III active 4.0x10



Pre-OP Panorama



Pre-OP Clinical Picture



PreGuide Impression



Implant Planning using VARO Plan



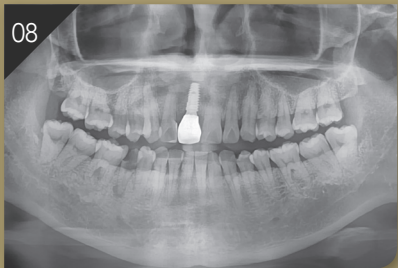
Milling using VARO Mill



Drilling and Implantation using
VARO Guide



Post-OP Clinical Picture



Post-OP Panorama

VARO Guide Clinical Case #2

#46 / IT-III active WN 5.0x10



Pre-OP Panorama



Pre-OP Clinical Picture



Implant Planning using VARO Plan



Milling using VARO Mill



Drilling and Implantation using
VARO Guide



Post-OP Clinical Picture



Post-OP Panorama



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