Stackable Guide Solutions

Tissue Post-Extraction Guide Package

implant concierge® | ZimVie

Tissue Post-Extraction Guide Package
Stackable Guide Solution

A post-extraction package is a tissue/tooth supported stackable guide which allows for extraction and immediate implant placement, and provisional positioning[1].

As these are considered complex cases, Implant Concierge® recommends a Virtual Implant Planning (VIP) meeting.

Components Included:

- The **Delivery Guide** (dental reference) is designed to intimately fit onto the existing teeth for terminally dentate cases. This guide contains inspection windows that allow you to anatomically verify the Delivery Guide is accurately seated.
- The **Base Guide** is your foundation guide. All other guides and provisional appliances are designed to connect to this guide. The guide will be supported by tissue and in some cases, remaining teeth.
- The **Implant Surgical Guide** includes the metal sleeves which provides the direction and depth control for each implant osteotomy. The male connectors fit into the Base Guide.
- The **3D Printed Model** allows you to stage the delivery of the different guides and to visually see the situation of the tissue/teeth after the virtual extractions.

Delivery Guide [#1]

Base Guide [#2]

Implant Surgical Guide [#3]

3D Model

[1]Provisional positioning not included in the Tissue Post Extraction Guide Package. If provisional design is requested, additional information (ie. occlusion scan, post-operative prosthetic situation .STL, etc.) will be required, and it is necessary to provide the files in the same relative reference system.

Step-by-Step

Deliver Post-Extraction Guide

1. Follow the instructions on your personalized surgical protocol.

   Note: In some specific scenarios, some extraction may be needed before placing Guides [#1] and [#2] or some teeth will be kept to support the guide and to be extracted after removing the Implant Guide [#3].

Example of initial anatomy

2. Extra-orally, connect Delivery Guide [#1] to Base Guide [#2].

Connect Delivery Guide to Base Guide

3. Position Delivery Guide [#1] and Base Guide [#2] onto the anatomy.

4. Utilize anatomical verification windows to ensure Delivery Guide [#1] is fully seated.

Position Post-Extraction Guide

5. Drill Anchor Pin osteotomy.

6. Insert Anchor Pin until it reaches depth.

Deliver Anchor Pins

7. Repeat for each Anchor Pin site alternating from side to side.

Extractions

1. Carefully remove Delivery Guide [#1] from Base Guide [#2]

Remove Delivery Guide

2. Extract teeth as indicated on the surgical protocol.

Note: Flap might be needed in some specific cases.

Extract teeth as planned

Implant Osteotomies and Placement

1. Connect Implant Surgical Guide [#3] to Base Guide [#2].

Connect Implant Surgical Guide

2. Carefully review and follow surgical protocol. Always follow implant manufacturer guidelines.

Note:

- Fully guided cases will allow implant placement through the guide as indicated on the surgical protocol.
- Partially guided cases will require removal of Surgical Guide [#3] before placing implants.
- If the implant is placed sub-crestal, bone profiling around the implant shoulder may be required to fully seat the abutment.

Surgical Protocol

Add-On Services

Provisional Design

- **Wax-Up Design Service**
  Wax-up design for prosthetically driven implant placement.
- **Provisional Design**
  The provisional design including the male connector is provided in .STL format to print in-house or at a local laboratory.

  Note: Only available if Wax-Up has already been completed by Implant Concierge or your local laboratory.

Premium Connectors

Implant Concierge offers the possibility to upgrade the connectors to our stackable guide solutions.

Note: Each individual case may be evaluated with your case coordinator to identify if these connectors are the best option for your guide.

Required Files

- .STL files: extended impressions including flange portions that are not expected to be affected by changes during surgery.
- DICOM dataset: as less artifacts (or noise) as possible means better results, both for bone crest segmentation (resection guide cases) and for .STL matching.

For more information visit ZimVie.eu

ZimVie US Corp LLC
4555 Riverside Drive
Palm Beach Gardens, FL 33410
Tel: +1-561-776-6700
Fax: +1-561-776-1272
dentalCS@ZimVie.com

ZimVie
Restoring Daily Life.®

EU Medical Device Classification: Class I. The Surgical Guides are used to guide the surgical drills in orientation and depth, according to the RealGUIDE Software planning, or to perform guided osteotomies according to the Doctor's planning. The products here shown are not eligible for reimbursement in France.

Unless otherwise indicated, as referenced herein, all trademarks and intellectual property rights are the property of ZimVie Inc. and its affiliates; and all products are manufactured by one or more of the dental subsidiaries of ZimVie US Corp LLC (Biomet 3i, LLC, etc.) and distributed by ZimVie US Corp LLC and its authorized marketing partners. For additional product information, please refer to the individual product labeling or instructions for use. Product clearance and availability may be limited to certain countries/regions. This material is intended for clinicians only and does not comprise medical advice or recommendations. Distribution to any other recipient is prohibited. This material may not be copied or reprinted without the express written consent of ZimVie. ZVINST0245-EMEA REV A 08/25 ©2025 ZimVie. All rights reserved.

CE 0051