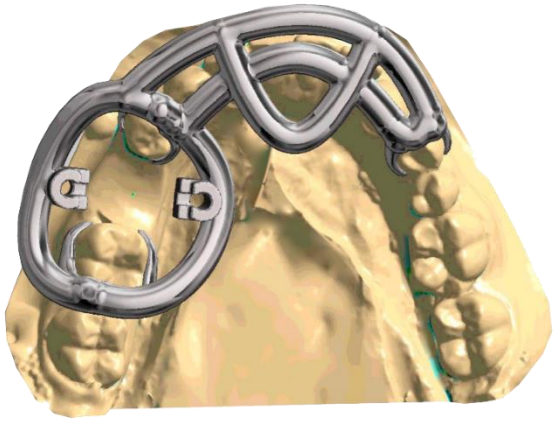
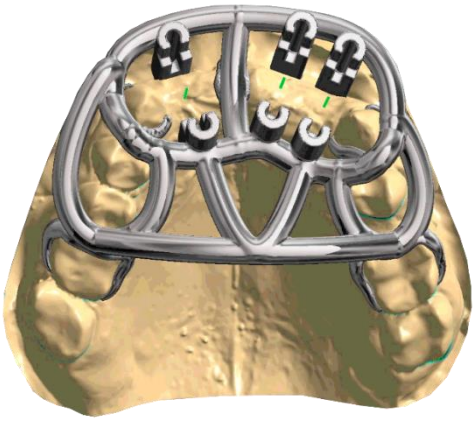
Information Manual for Users of 2INGIS® Guides

1-Guide designed by 2INGIS®

After validation of the planning and manufacturing order issued by the practitioner, 2ingis® will extract the software data from the final planning to proceed to the virtual modelling of the surgical guide.





2-Impression 3D

The Surgical guides are printed in biocompatible resin on professional 3D printers such as the ProMaker LD10 or Exigo.

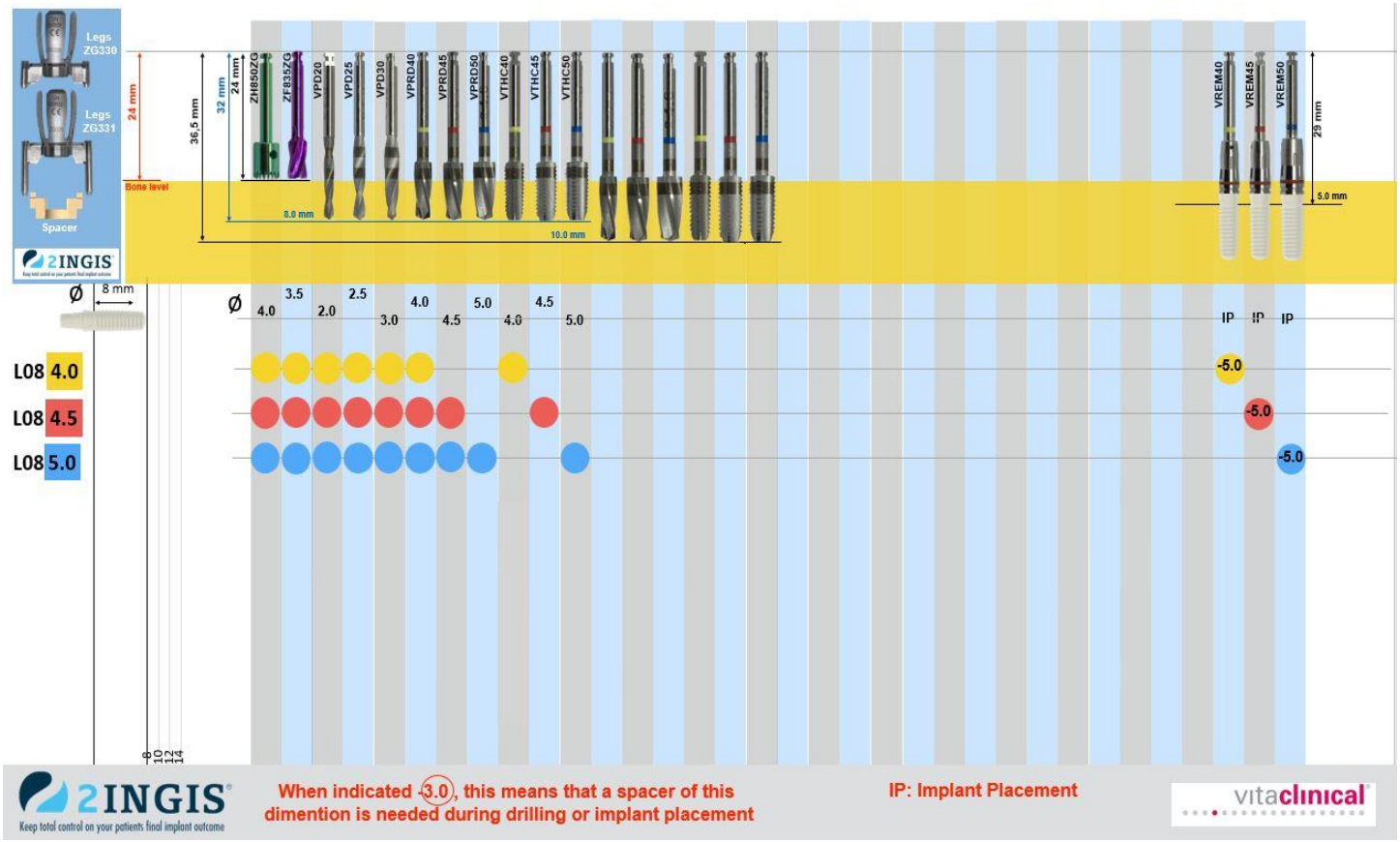
3- 2INGIS® Surgical Protocol

2INGIS® provides VITA® implants with a detailed surgical protocol that describes the steps in all phases of the surgery.

In the surgical protocol, you will find the following details:

- The length and diameter of the implant to be placed;
- In red, the distance to reach the zero level (0) of the bone. Each instrument indicates its total length and depth of penetration into the bone.
- For each implant, the diameter and length is indicated and which drilling instruments and implants are to be used (photos and reference number);
- On certain positions a negative number (-) for example to place implant (-5). This means that you have to use a spacer of 5mm

In this way all stages of surgery are anticipated which allows the practitioner and his team to prepare all the necessary tools before the surgery and to perform his surgery without any surprise



4- Packaging and Delivery

All 2ingis® guides and instruments are cleaned with enziDent® enzymatic detergent. EnziDent® is a patented multi-enzymatic compound that dissolves, thanks to enzymes, the organic matter and the matrix of biofilms (in Appendix 1, you will find the EnziDent® product sheet).

One Life
DETECT & DISSOLVE
BIOFILM MATRIX

After cleaning, the guides and instruments are packaged in non-sterile packaging. Once packaged in a suitable protection box, the 2ingis® guide is entrusted to one of our carriers to be delivered to you as soon as possible.

DHL

5- Reception and control of the surgical guide

5.1 Control of the surgical guide on model

After receiving the surgical guide, it is recommended to check the general condition of the guide to ensure that it has not been damaged during transportation.
The next step is to try the 2ingis® guide on the patient study model to make sure it fits perfectly.

This double control completed, the practitioner is invited to have a first feeling of the guide by identifying the optimal angle of insertion of the contra-angle in the guide receptors and the accessibility of the hand piece to residual teeth or the patient's anatomy. The practitioner must in any case redo this gesture in the patient's mouth before performing the surgery.

5.2-Fixing the 2INGIS® Legs on the hand piece

A. Slide the 2INGIS® legs onto the head of the angle (see instructions for use in the appendix)

B. Place the 2INGIS® caps on the top of the contra-angle (see instructions in the appendix) Hold the legs in place with your finger and press the caps with your other finger to put it in position. Make sure the push button on the contra angle is easily accessible.

C. Now the device is complete and ready to use.

5.3- Placing 2Ingis® Spacers on Legs

2Ingis® has developed a range of Spacers which makes it posible to use the standard drilling tools or implant instruments . This allows for reassuring gestures during surgery

5.4- Drills or implant instruments placed on the contra angle

Very important:

2Ingis® recommends that when inserting the drill, it should be checked that the tool to be used is well fixed in the handpiece so that the drilling depth is respected

6- Sterilization

How to clean and sterilise the 2INGIS® resin guide?

They are 2 important steps.

1. To remove all organic parts from the 2INGIS ® resin guide, we highly recommend using **enzymatic detergent** such as **Enzident** from **One life®.**

2. After cleaning the 2INGIS ® resin guide, we advise to cold sterilize with a solution of **glutaraldéhyde at 2,4%** of the volume for 45 minutes at 25° C. This product is sold by **Jonson & Jonson** under the name of **CIDEX**.

WARNING. Do not use a disinfection method or sterilization based on heat (eg autoclave) or containing alcohol. This could damage the surgical guide.

The two Legs and the Cap can undergo autoclave sterilization at 134° C for 18 minutes at least.

7- Control of the surgical guide in patient's mouth

Before surgery, we strongly recommend that the surgeon tries the 2INGIS ® resin guide in the patient's mouth to ensure that it is stable and perfectly adjusted.

In the event of instability or poor fit found in the guide, which may result from a bad impression or a distorted acquisition, we do not recommend the use of this guide for surgery and we decline all responsibility for the case where the guide would still be used.