# 1. Application:

Analogs for 3D models are inserted in a pre-designed gap in a 3D printed model to provide a replica of the actual implant connection that is accurate and reliable. Analogs for 3D printed models are especially suitable for the digital workflow of restoration based on intraoral scanning as described in this manual. However, other procedures are possible. The Mozo Grau digital flow libraries are specially designed to leave an appropriate hollow for Mozo Grau analogs. Analogs for the 3D models are available on the Osseous and InHex mini, standard and maxi platforms, and are compatible with the entire prostheses of the Mozo Grau catalog.

# 2. Instructions for use:

Analogs must be used exclusively by personnel trained and specialized in dentistry and dental prostheses

## 2.1. Intraoral scanning

Place the scanbodies in the mouth with the help of a screwdriver and obtain one or more scans from the patient's mouth with at least one of them including the Mozo Grau scanbodies according to the implant platform. (Consult IFU of scanbodies for more information).



Fig. 1 Scanbody in mouth



Fig. 2 Anatomy scanned with scanbodies

2.2. Export scan

Use the option to export the scan in the .stl format of the scanner. Export at least one scan that contains the Mozo Grau scanning pillars.

# 2.3. Import library

This operation must be carried out only once. For 3Shape software:





2.3.2 Select the tools Import/export and import materials

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A Importar/Exportar



2.3.3 Search for the \* .dme file provided by Mozo Grau and import the library If in doubt, contact the Mozo Grau technical service.

### 2.4. Processing and generation of the model

For 3Shape software open "3Shape dental system", generate a new order, and select the corresponding connection of the previously imported library. Select the digital model option to be able to design the model for 3D analogs that will be printed on a 3D printer.

Select the order with the right button of the mouse and click on the "Import scan" option.

Select the .stl file exported from the scanner.

Then press the right button and select the "Rescan" option.

Once the scan screen is displayed, click on the "load scan" icon and select the .stl file exported from the scanner again.

Attain the "best fit" between the scanned geometry and the scanbody of the library and then continue with the process of normal design of the anatomy. Generate the 3D model using the Mozo Grau libraries, leaving the gap as defined in the library, and adjust, if necessary, the margin depending on the 3D printer used.



Digital Model



MANUFACTURER



6. Labeling symbols



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SEE INSTRUCTIONS FOR USE

CE CERTIFICATE



The analog is divided into two parts. Part (a) with the implant connection is inserted from the side of the occlusion. In the case that the implant is located very buried, it may be necessary to use the help of a screwdriver, transporter or similar to bring the analog to its position. The threaded part (b) is inserted from the bottom (opposite the occlusion) with the help of a Mozo Grau screwdriver and threaded into (a). In the event that the connection is not in place, it will not thread together correctly.



Fia. 3 Modelo 3D

#### 3. Recommendations and precautions

The 3D printed models are designed to improve the work of rehabilitation of the anatomy in the laboratory; they are not suitable for passive adjustment testina.

To obtain an appropriate adjustment and positioning of the Mozo Grau 3D analogs use only original Mozo Grau libraries.

### 4. Storage

Store the set at a moderate temperature in a dry, dust-free and ventilated place where no corrosive vapors are produced.

#### 5. Available elements

41145541- Analog 3D Osseous Mini 41145501- Analog 3D Osseous STD 41145605- Analog 3D Osseous Maxi 41235541- Analog 3D InHex Mini 41235501- Analog 3D InHex STD 41235605- Analog 3D InHex Maxi

#### 7. Manufacturer



