

FEATURES:

- implant analog for digital model manufacturing in the model builder library
- two-piece repositionable implant analog
- precise positioning
- positional adjustment possible
- analog design supports precise repositioning of removable gingiva mask



APPLICATION:

- for model manufacturing in digital workflow
- for conventional cast model manufacturing



TECHNICAL DETAILS:

- Stainless Steel
- Titanium Grade 5 ELI

WORKFLOW IN THE MANUFACTURING OF CONVENTIONAL CAST MODELS BY USING THE NT-TRADING DIM ANALOGS

The use of two-piece nt-trading DIM analogs is also very interesting in the manufacturing of conventional cast models. In addition to the simple and non-destructive removal of analogs for reuse and the cost-effective archiving of implant models, the fitting of the implant-supported prosthetic construction on the model can be easily improved by the individual removal of the model analogs, similar to the crown and bridge technique.

You can check separate areas of contiguous structures on the model individually. Therefore there is no need to segment implant models for fitting control.

STEP-BY-STEP WORKFLOW

1



analog body

2

sleeve

1

thumbscrew

3

Fix the sleeve ① to the analog body ② and secure it with the thumbscrew ③.

The sleeve remains in the model base of the later cast model and guarantees the rotation-free repositioning of the analog in the implant model.

2



Attach the DIM analog on the impression posts by screwing the impression screw.

3



Attach an extension tube (straw, etc.) and seal the thumbscrew with wax to prevent the ingress of plaster in the area between sleeve and screw.

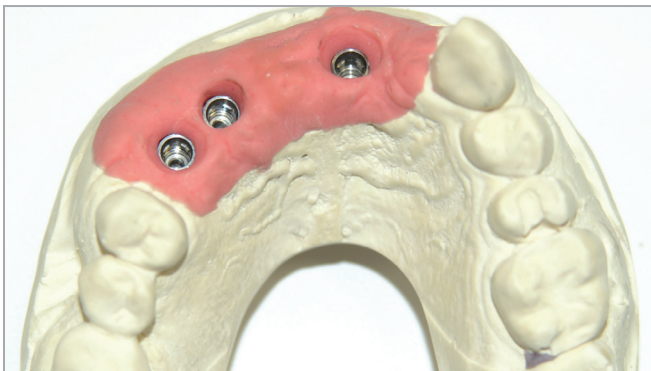
STEP-BY-STEP WORKFLOW

4



Close the tubes with wax on the bottom side of the model. The sleeve length should correspond at least the height of the model base.

5



Make the gingival mask by using kneading silicone and cast the impression as usual.

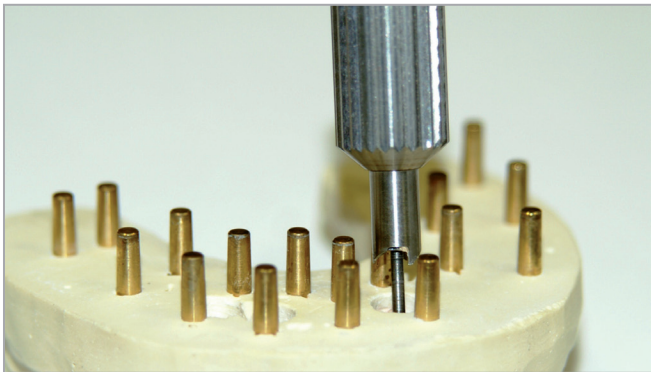
6



Now you can pull out the tubes from the model and remove wax leftovers on the thumbscrew slot to fix the guide pin of the DIM Parallel Drill.

STEP-BY-STEP WORKFLOW

7



Expand and debur the opening to the thumb-screw by using the DIM Parallel Drill. The guide pin positions the tool in the right direction.

8



By unscrewing the thumbscrew you can remove the analog. The sleeve remains in the model base for precise repositioning of the analog.