

What's new

– **exocad centralized milling (for NUVO TiBases & one-piece Abutments) and local model printing – (with country dependent availability)**

Library Update Available on 31 of July 2020 for exocad materia 2.3 or newer

With the latest update, additional Straumann®_Group products are available for all (with country dependent availability) exocad users.

Centralized Milling (not available in USA):

- StraumannGroup_NUVO_customized_Abutment_centralized
- StraumannGroup_NUVO_InternalFIT_TiBases_straight_centralized


Analog STLs, including repositionable analog STLs, for supporting inlab 3D Model Manufacturing:

- StraumannGroup_NUVO_customized_Abutment_centralized
- StraumannGroup_NUVO_InternalFIT_TiBases_straight_centralized

Special Notes:

The 4mm chimney height NP & SP Titanium Bases, require that the chimney of 6mm TiBases should be cut to 4mm by the technician.

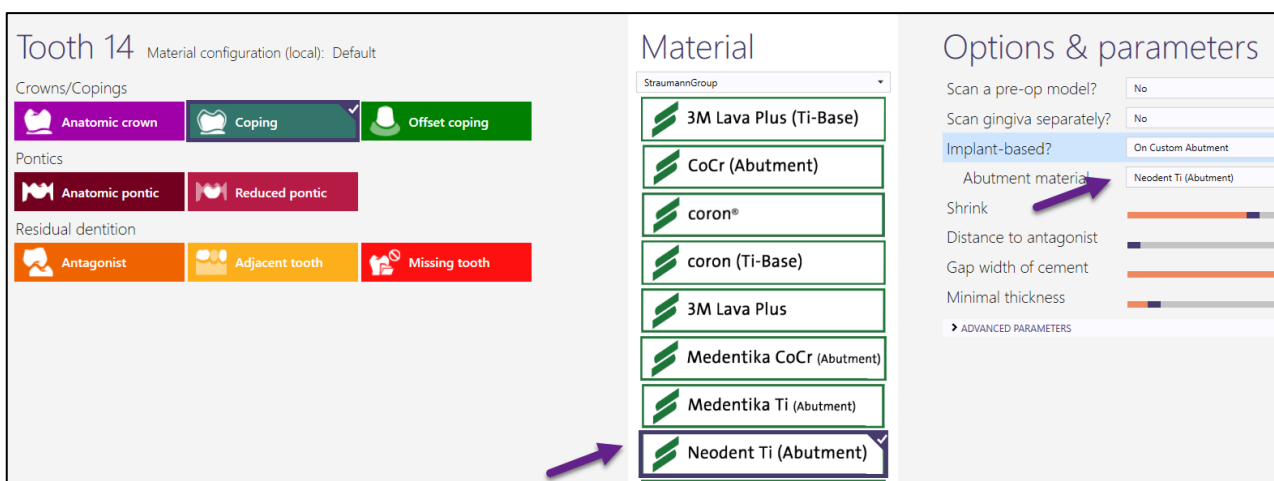
Caution – see next page for how to design crowns on TiBases that fulfill recommended design limits.

Implant System		Screw-Retained	On Custom Abutment
Internal Fit - NP Narrow Platform/Customized Abutment			X
Internal Fit - SP Standard Platform/Customized Abutment			X
IF NP Titanium Base 3.5		X	
IF SP Titanium Base 4.5		X	
IF SP Titanium Base 5.5		X	

Instructions for Achieving a TiBase Manufacturer's Design Rules for a Crown on a NUVO Titanium Base
Always read and understand respective TiBase manufacturer's the Instructions for Use:

<https://ifu.nuvoimplants.com/en>

Ensure you choose the correct Material for the NUVO custom Abutment – Neodent Ti (Abutment)



The screenshot shows the exocad software interface for designing a crown. The 'Tooth 14' section on the left shows the material configuration (local): Default. The 'Material' list on the right shows the following options: 3M Lava Plus (Ti-Base), CoCr (Abutment), coron®, coron (Ti-Base), 3M Lava Plus, Medentika CoCr (Abutment), Medentika Ti (Abutment), and Neodent Ti (Abutment). The 'Neodent Ti (Abutment)' option is selected. The 'Options & parameters' panel on the right shows the following settings: Scan a pre-op model? No, Scan gingiva separately? No, Implant-based? On Custom Abutment, Abutment material: Neodent Ti (Abutment), Shrink: (slider), Distance to antagonist: (slider), Gap width of cement: (slider), Minimal thickness: (slider). A purple arrow points to the 'Neodent Ti (Abutment)' option in the material list.

Setting the Minimum Screw-Channel Wall-thickness for a Crown on a TiBase

The **Minimum Screw-Channel Wall-thickness** needs to be set up in the software, the material thickness about the screw-channel **must be at least 0.4mm**.

The default Screw Channel Thickness is too thin, you must use the exocad "Screw Hole Design" and change the value manually to create a valid design for centralized production.

Attention: It is mandatory to alter the "Screw Hole Design" to meet a minimum Thickness of 0.4mm

