

simodont

A NISSIN BRAND



What is new in v4.8

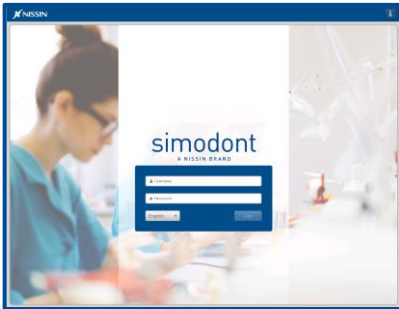
Simodont Courseware Release v4.8



WHAT IS NEW IN V4.8

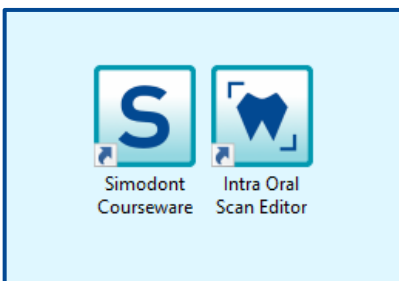
Nissin Dental Products is pleased to inform you of the new software release version 4.8. This document is a short summary of the highlights in this release and what it offers you as a Simodont user.

New look



Nissin Dental look and feel of the Simodont Courseware

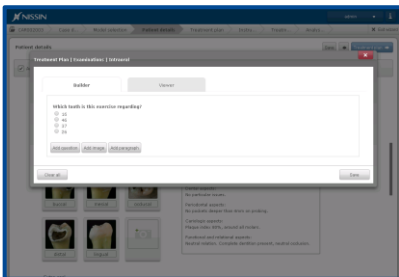
Because the recent move of the Simodont to its new owner Nissin Dental Products inc, both the Simodont hardware as the Simodont courseware received a makeover. The familiar Moog maroon color has made place for the "Nissin blue"! The new Nissin look is very noticeable from the Simodont's exterior and at the login page of the dental trainer.



Recognizable desktop icons and new names

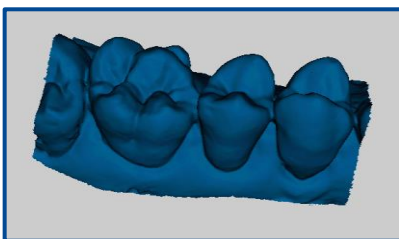
The Simodont Courseware and its tools now come with recognizable desktop icons. This makes it easier to quickly find the applications on your Teacher Station desktop. The previously called "Case Manager", no longer has a Chrome icon, but has a unique "S" icon and is now called the Simodont Courseware. Also the Cropper Tool, has a unique icon and is now called the "Intra Oral Scan Editor".

New functionality



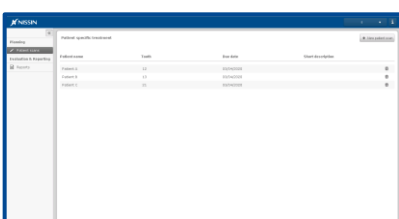
Support for Q&A forms

We are happy to announce that the support for adding Question and Answer forms in the Simodont Courseware is finally supported in the v4.8. For every section in the Virtual Patient page and Treatment Plan page, it is possible to add a custom question form. Open questions, multiple choice-single answer and multiple choice-multiple answer questions, images and extra text paragraphs are supported.



Import of intra oral scans in the normal model library

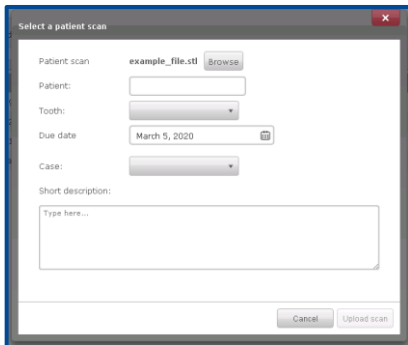
Requested by many customers, the v4.8 supports the import of intra oral scans (STL files) in the generic Simodont model library. This allows users to build a case for an imported scan and quickly provide this scan to a whole group of students. This feature comes in addition to the user specific assignment of intra oral scans, which of course still is available.



Student workflow for uploading intra oral scans

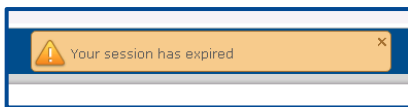
As uploading intra oral scans can be a time consuming task, customers requested for a save workflow where students can manage the upload of the scans themselves. The Simodont Courseware can now be setup to allow students access to a special environment on the Teacher Station, where they are in charge of uploading intra oral scans to their own user.

Note! For safety reasons this feature is disabled by default. In case you are interested in using this feature, please contact support@nissin-dental.nl. Together we will discuss the right implementation of this feature in your institute.



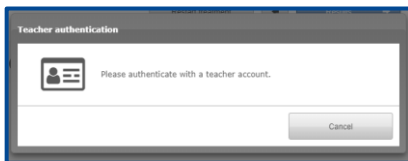
Example STL file available in Simodont Courseware

In the v4.8, an example intra oral scan file is available in the Simodont Courseware to quickly demonstrate or try out the intra oral scan workflow. When assigning a scan to a user, you can directly use the example file presented to you, or select your own STL file from the Teacher Station.



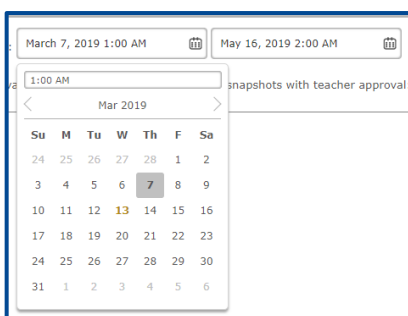
Auto logout (session expiration) of Courseware on Teacher Station

For safety reasons, users are now automatically logged out from the Simodont Courseware running on the Teacher Station, when the application was not used for a certain time. This will reduce the risk of unauthorized access to the Teacher Application of the Simodont Courseware. The default time settings are 15 minutes of idle time for students and 30 minutes idle time for staff members. Please contact support@nissin-dental.nl in case you wish to use other time settings.



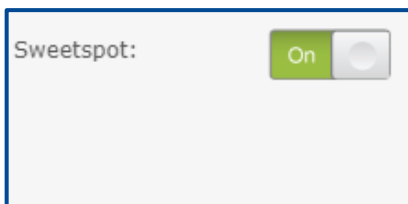
Reload snapshot with teacher approval (optional)

An option was added to the Course Manager, at the level of course settings called "Load snapshots only with teacher approval". With this option enabled, student can only reload a snapshot after a teacher has given his approval by presenting his (RFID) card.



Start and end time for courses

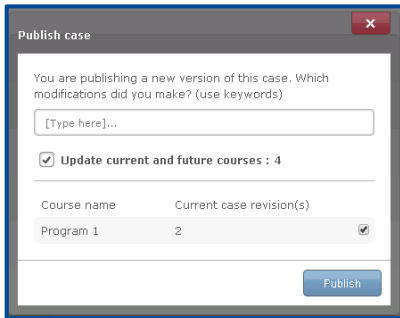
In addition to setting the start and end date, it is now also possible to set a start and end time for courses in the Course Manager. This is useful for examination courses that should have a very limited timeslot.



User Settings – sweet spot on / off

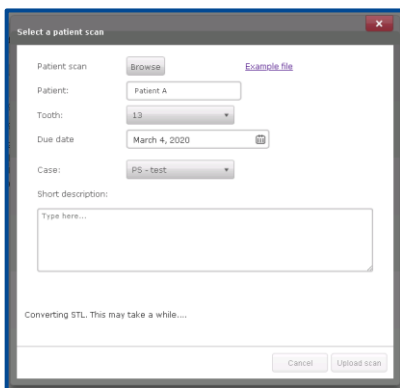
A student is now able to turn off the sweet spot (white disk) that normally appears in the center of the view, every time the space mouse is being touched. This is useful for cases where the sweet spot hinders the preparation of the tooth, for example in endo access cavity exercises. This setting is found under the user settings.

Improved functionality



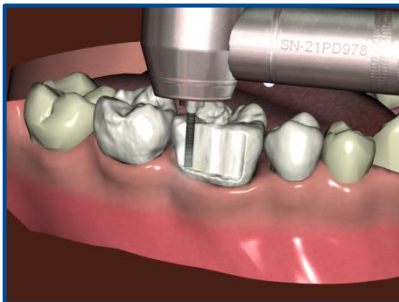
Easy updating courses with new case revisions

Many customers asked for an easier way to update cases that were already planned in courses. Instead of having to adjust the course and swap case revisions, which was a very tedious process, you now only have to tick the box when publishing a new case revision to update all courses (or a selection of courses) at once.



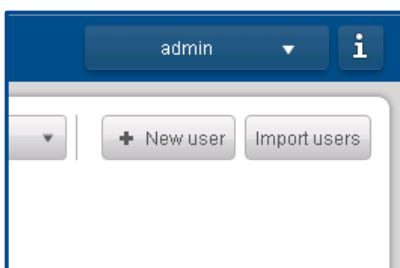
Intra oral scan converter – faster, scan size check and better cutting behavior

The intra oral scan converter was improved to convert scans much faster, and to give better cutting behavior of the surface of the scans. In addition when uploading scans, the size of the scan is immediately checked. Uploading of scans that have a too large volume, cannot be uploaded anymore, which will avoid nonfunctional scans in the Simodont. And a warning is shown when the volume of the scan is too big and needs to be cropped to the appropriate size.



Smoother surfaces using brushing technique

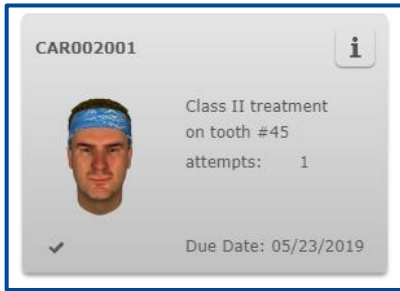
As part of a long running project to improve the cutting behavior of the dental trainer, and specifically the aim to create smoother surfaces, a change has been implemented that has a positive effect on creating smoother surfaces especially when using the brushing technique. The cutting technique has become slightly more predictable and it is easier to work light handed and if needed to correct mistakes.



User import – several fixes

Many customers were struggling with uploading new users in to the Simodont database, when not exactly using the import example file. In order to make this process smoother, several changes were implemented:

- The importer is not case sensitive anymore for the headers in the imported file.
- Spaces used in the headers are now ignored and do not lead to shifting columns anymore.
- In addition of the comma, also the semicolon is now supported as delimiter of columns.
- Imported file is checked at an earlier state for required data (for as 'role' or 'password') and users are warned, to avoid that users continue to upload an unsupported file.



Only submitted attempts are counted

Improvements have been made to the way attempts are being handled. An attempt that is stopped, and is not submitted now stays "open". The next time the user starts the same case, he will continue to work in his last opened attempt. This results in better traceability case attempts in reporting and also the attempt counter on the case tile now shows a representable number of actual finished (submitted) attempts.

New Content

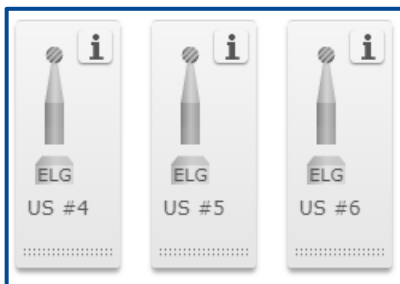
The following additional content is available.



Nissin Dental 200 Series

A new Nissin jaw model has been added to the standard Simodont model library.

- This model is suitable for the cariology and crown procedures within the Simodont.
- All teeth from both upper and lower jaw are available for case creation
- The teeth in this model have a uniform color and harness



US bur series

Added round carbide burs numbers: US2, US3, US4, US5, US6, and US12. US4 was already part of the instrument library. In contrast to the other round carbide burs in slow speed electrical handpiece, this US series does cut in enamel gently. The US burs in the instrument library are recognizable by the names "US4" etcetera.



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