Technical Note 975-010_TN001_090130

OmniPro-InViDos version 1.x

Changes between InViDos versions

Description

This document describes the changes between the different versions of OmniPro-InViDos

1.0

First version

1.1

- A link to the Lantis / Mutli-ACCESS verification system simplifies patient setup and automatically synchronizes in vivo measurements with treatments.

- Patient specific scheduling of in vivo measurements is both easy to use and very flexible. Only used together with a link to a verification system.

- A better overview of all in vivo measurements for one patient. Dose values for all detectors and fractions are displayed in a table.

- Automatic identification of entrance detectors is possible in simple, but very common, setup cases.

- Field and fraction specific comments can replace hand written comments in patient journal. Editing window automatically pops up if measured dose is outside action levels.

- Improved window management when running on the same computer as a verification system. The measurement window will not be hidden by other programs, also when not in focus. Can automatically return focus to verification system to prevent irritating loss of entered data.

1.1A

Corrected errors;
- "Access violation" error was sometimes displayed when starting the measurement of multi-treatment patients. However, it only

appeared in combination with a verification system.

- The synchronization between InViDos and VISIR suddenly disappeared.

- When a field was selected in the verification system, without being previously imported to InViDos, the measurement window still opened.

- Changes in SDD or temperature after a completed measurement was ignored when correcting the measured dose in the Edit dose dialog.

- Switching between target volumes in VISIR without leaving the treatment dialog caused the synchronization to fail.

- Automatic detection of entrance detector didn't always work.

- It was impossible to manually select a new detector in the measurement window if the recorded dose was slightly negative (but still very near zero).

- SDD was sometimes displayed with the wrong unit.

- Calculated field dose was sometimes displayed with the wrong unit.

- A patient could by mistake be marked as read-only when the measurement was triggered by the verification system.

- It was impossible for non-administrators in Windows NT/2000 to configure the DPD-3 and DPD-510 communication.

1.2

- Improved performance on Windows 2000 and XP
It is no longer necessary to have Administrator on the PC rights to run InViDos

- Export measured dose to Visir (option)
After completed treatment the measured dose can be exported to Visir. Just check "Export measured dose to VISIR" in the *VISIR Set up* dialog under Tools/Visir.
Note: Visir version 1.5 or higher is required.

- Import patient data via RTP Link or RTP*Connect* (option: Lantis/Impac)
For import it is not necessary any more to set the Lantis or Impac R&V system into treatment mode; this means that the patient data can be imported by any InViDos installation. Moreover it is possible to import patient data from all R&V supporting the RTP Connect standard.

- Search Previous Measurements
This function allows the user to search the database for measurements performed during a user-defined time period. This can be used when checking all in vivo dosimetry measurements at the end of a working day: Just select a specific Linac and list all measurements performed on this machine. You may also display only the measurements outside the action level.

If you want to know more about one of the performed measurements just click onto one of the measurements and the detailed patient file will open.

- Correct Gain after detector swap
If an automatic detector swap is performed even the gain setting is changed and adapted to the new detector.

- Unit update when cGy is selected
If cGy is selected this unit is now used everywhere in the program (instead of Gy), even in the print out, display of correction factors and the pop up window displaying the detector sensitivity.

- New default temperature dependence
The default Sensitivity Variation With Temperature has been changed from 0.35%/C to 0.25%/C to match the third generation of our in vivo detectors (3G type)

1.3A

- **VARiS/ARIA Interface**
It is possible to import patient data from Varis Vision and ARIA databases.
The measurement synchronization is done with the help of a Measurement Console.

- **Text message improvement**
Some text messages have been improved to clarify their meaning.

- **Using the Accept button in the measurement window stops the measurement**
Fixed a bug introduced in version 1.3 where the measurement would not continue after pressing the Accept button in the measurement window.

1.3B

- VARiS/ARIA Interface
- The patient import correctly identifies patient and field names using non-english characters.
- The patient import warns if an appropriate mapping between the external system and InViDos doesn't exist.
- The filter patient settings now correctly filter the patient list.
- The status of the keep on top checkbox is now saved when closing the Measurement Console.
- The patient import automatically sets the SDD to SSD for entrance detectors.

- Mosaiq
- Importing Mosaiq fields now correctly identifies asymmetric fields.

1.3C

VARiS/ARIA Interface
- The patient import module can now import Dicom RT Plan files generated from Dosisoft.
- The patient import module correctly handles import of SDD when using cm as the length unit.

VISIR Interface
- The import of SDD was not correctly handled in all cases. InViDos now correctly imports the SDD.

MOSAIQ and LANTiS Interface
- The import of field size could in certain situations yield the wrong result. InViDos now correctly imports the field size.

In case of any further questions, please contact us under:

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