

Import of .FLF Files Does not Give a Correct Dose Calibration

Scope:

OmniPro I'mRT version 1.5

Indication:

When film files from OmniPro Accept (.FLF) are imported to the film panel, the dose values are not correct.

Cause:

There was an error in the OmniPro Accept scanner calibration function. This caused the ADC to Optical density calibration to be incorrect. This in turn was used for dose calibration. The dose calibration was correct and saved in the FLF file. OmniPro Accept reads the dose correctly, but not I'mRT version 1.5.

Workaround:

I. Customers having OmniPro Accept version 6.5 or later:

1. Open the Film Scanner Panel in OmniPro Accept
2. Open the FLF file (File/Open...)
3. Save the image as a TIFF file. (File/Save...) The calibration is then embedded in the file
4. Open OmniPro I'mRT Film Control Panel
5. Open the TIFF file
6. Perform the Registration actions
7. Send the image to I'mRT main application

II: Customers having older versions of OmniPro Accept

1. Open OmniPro I'mRT Film Control Panel
2. Scan the dose calibration film(s) for the same film type as the FLF file using the same scanner as the imported film was scanned with.
3. Open Calibration in the Task panel
4. Select Scanner calibration
5. Click New calibration.
6. Activate the ADC to Dose check box
7. Show cursor. Place cursor on the fog area.
8. Click Add new step.
9. Enter the dose value 0 for the fog area
10. Place cursor on next dose area.
11. Click Add new step.
12. Enter the dose value
13. Repeat 10 – 12 for all doses
14. Save calibration
15. Open the FLF file(s)
16. Open Selected Film/Scanner calibration in Info panel
17. Click Apply selected global calibration
18. Save the film as TIFF file
19. Perform the Registration actions
20. Send the film(s) to I'mRT main application
21. To use the calibration at another occasion, use Load calibration to restore the calibration and repeat from 15.