Version 4.01

20-06-2011

What has changed:

1. Storing the current RPD-number. And using it in the TXT-file. At the end of the script the RPD will be reset to the RPD before running the script.
    a. Before the D-number was increased by 1 because of the switching by the script to cGy.

Be free to use and adjust.

Bert

Version 4.00

21-03-2011

What has changed:

2. Value of Last Cell in Tabular DVH is also stored.
    a. **ATTENTION:** Sometimes (and I still don't know why) the last item in the txt file is the value of the first cell in the tabular-DVH.

Be free to use and adjust.

Bert

Version 3.00

24-02-2011

What has changed:

3. DVHtoTxt use more different scriptfiles.
4. Max number of lines to output is changed to 200.
    a. Script won't run if more then 200.
5. 2 different ways to start the script.
    a. DVHOutputToTxtStart.Script will only export the selected trials and roi's.
    b. DVHOutputToTxtAllRoisStart.Script will switch on all the trials and roi's and then continue the export.
6. Added total mu for each selected trial to the output file + name off each selected trial.
7. The first item of the DVHList will always be exported first.
8. Directory were the scriptfiles need to be stored changed to /usr/local/adacnew/PinnacleSitedata/scripts/**Fysica/DVHOutputToTxt.**

Be free to use and adjust.

Bert

Version 2.00

15-11-2010

Small changes to the scripts.

1) Always use “Auto-Compute Max” in the dvh window.
2) Convert Roi’s with meshes to contours.
3) Remove all empty Roi’s .
4) Added a version number to the output file.

Create a directory /usr/local/adacnew/PinnacleSitedata/scripts/**Tools** & copy the file RemovEmptyRois.Script to this directory . Or you could change the path in the script-files referring to the location of the files (1 line in the file DVHOutputToTxt.Script).

Be free to use and adjust.

Bert

Version 1.00

To do before using the scripts:

1) Create a directory /usr/local/adacnew/PinnacleSitedata/scripts/**Fysica** & copy the 3 script-files (DVHOutputToTxt.Script; DVHOutputToTxtEachRoi.Script; DVHOutputToTxt.Script) to this directory . Or you could change the path in the scriptfiles referring to the location of the files (2 lines).
2) Create a directory /home/p3rtp/**DVHtoTXT**. In this directory the patient unique files are stored.

In the "plan evaluation"-window select all the roi's that you want to see in the txt file and the Trail('s) you want. Attention script only works correct if :
Number of selected trails X Number of selected roi's is smaller then 101!!!

You only need to start the script called "**DVHOutputToTxtStart.Script**". If you have answered the question "…are you ready?" by clicking "Yes" the script will start the second script. This script will first write patient specific information to a file. After that, it will start writing al the information in the tabular dvh's to files.
Finally the script will merge all files into one and rename the file (adding Lastname, Firstname, and Medicalrecordnumber).

A tabular dvh has by default 200 bins (points on a dvh line). The script will use more bins by selecting a small binsize. (5cGy). To be able to use bins of 5Cgy the script will change in the "preferences window" the Dose display from Gy to cGy for the duration of the script (at the end it will reset back to Gy).

You could change the script to use bins of 1cGy (but file will be 5 times bigger and script will take about 5 times longer to run).

Be free to use and adjust.

Bert