

Double Calcul des Unités Moniteurs MUCHECK

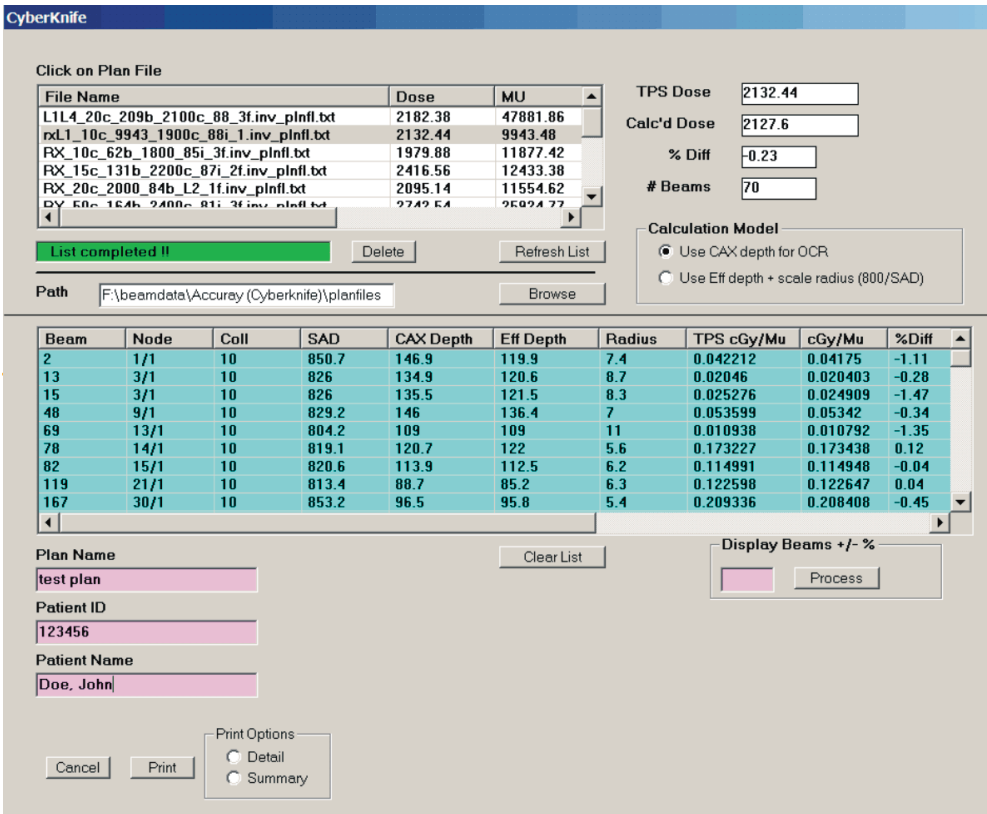
CYBERKNIFE

Caractéristiques principales du logiciel Cyberknife

Oncology Data sytem a développé le logiciel pour le Cyberknife en étroite collaboration avec Accuray.

Caractéristiques :

- Les plans de traitement peuvent être directement importés depuis le TPS du Cyberknife.
- La dose totale sera calculée et comparée au plan du Cyberknife.
- Jusqu'à 1200 champs peuvent être calculés.
- Des rapports détaillés ou résumés peuvent être prévusualisés sur votre écran, imprimés ou exportés au format PDF.



The screenshot shows the CyberKnife software interface. At the top, there's a header 'CyberKnife'. Below it, a section titled 'Click on Plan File' contains a table with columns 'File Name', 'Dose', and 'MU'. The table lists several files with their respective dose and MU values. To the right of this table, there are input fields for 'TPS Dose' (2132.44), 'Calc'd Dose' (2127.6), '% Diff' (-0.23), and '# Beams' (70). Below these fields is a 'Calculation Model' section with two radio buttons: 'Use CAX depth for OCR' (selected) and 'Use Eff depth + scale radius (800/SAD)'. A 'Path' field shows 'F:\beamdata\Accuray (Cyberknife)\plnfiles' with a 'Browse' button. The main part of the interface is a large table with columns: 'Beam', 'Node', 'Coll', 'SAD', 'CAX Depth', 'Eff Depth', 'Radius', 'TPS cGy/Mu', 'cGy/Mu', and '%Diff'. The table contains 10 rows of data. Below the table, there are input fields for 'Plan Name' (test plan), 'Patient ID' (123456), and 'Patient Name' (Doe, John). There are also buttons for 'Clear List', 'Display Beams +/- %', and 'Process'. At the bottom left, there are 'Cancel' and 'Print' buttons, and a 'Print Options' section with radio buttons for 'Detail' and 'Summary'.

File Name	Dose	MU
L1L4_20c_209b_2100c_88_3f.inv_plnfl.txt	2182.38	47881.86
rdL1_10c_9943_1900c_88i_1f.inv_plnfl.txt	2132.44	9943.48
RX_10c_62b_1800_85i_3f.inv_plnfl.txt	1979.88	11877.42
RX_15c_131b_2200c_87i_2f.inv_plnfl.txt	2416.56	12433.38
RX_20c_2000_84b_L2_1f.inv_plnfl.txt	2095.14	11554.62
RY_50c_154b_2400c_81i_3f.inv_plnfl.txt	2742.54	25024.77

Beam	Node	Coll	SAD	CAX Depth	Eff Depth	Radius	TPS cGy/Mu	cGy/Mu	%Diff
2	1/1	10	850.7	146.9	119.9	7.4	0.042212	0.04175	-1.11
13	3/1	10	826	134.9	120.6	8.7	0.02046	0.020403	-0.28
15	3/1	10	826	135.5	121.5	8.3	0.025276	0.024909	-1.47
48	9/1	10	829.2	146	136.4	7	0.053599	0.05342	-0.34
69	13/1	10	804.2	109	109	11	0.010938	0.010792	-1.35
78	14/1	10	819.1	120.7	122	5.6	0.173227	0.173438	0.12
82	15/1	10	820.6	113.9	112.5	6.2	0.114991	0.114948	-0.04
119	21/1	10	813.4	88.7	85.2	6.3	0.122598	0.122647	0.04
167	30/1	10	853.2	96.5	95.8	5.4	0.209336	0.208408	-0.45