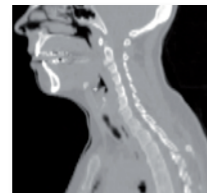


Workflow Driven Analysis



Visualize, Verify, Validate

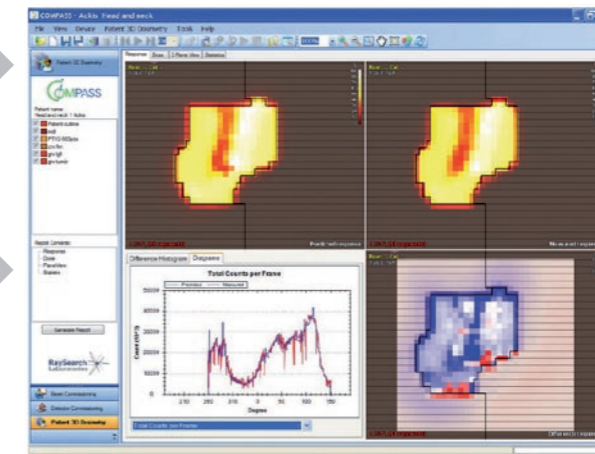
Patient Data



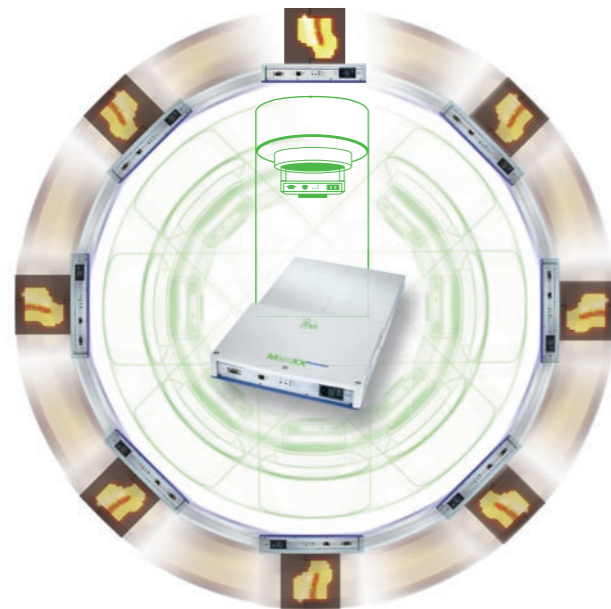
Patient CT import

Plan Delivery Verification

Fast comparison and analysis



True 3D Volumetric Measurement

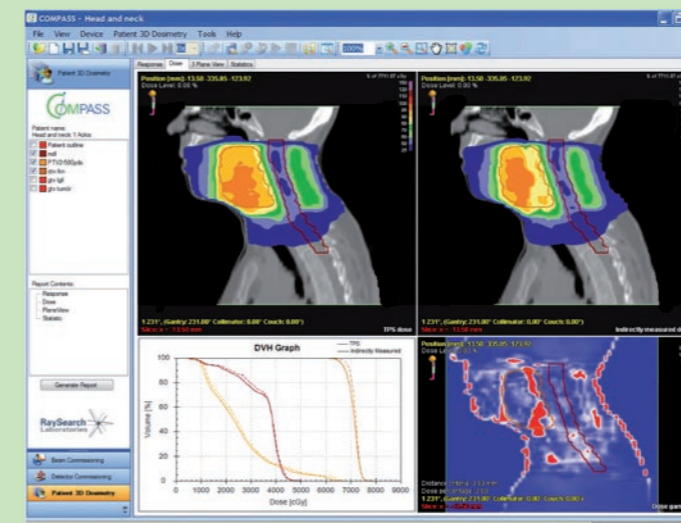


MatriXX^{Evolution} mounted on Gantry enables full 360° data acquisition for true 3D dose reconstruction and analysis

planned & measured data import

Patient Based Verification

3D dose comparison, DVH analysis



Treatment Validation

Protocol-based PASS/FAIL criteria, reporting in comparative DVH/table

Dose volume	Statistics Type	TPS	Indirectly measured dose	Difference	Rel. Difference	Allowed Rel. Diff (%)	Outcome Status
Total dose	Average dose	387.63 cGy	400.53 cGy	12.90 cGy	3.22 %	5	PASS
Total dose	Average gamma			0.10	0.10 %	1	PASS
Patient outline	Average dose	1,331.23 cGy	1,287.43 cGy	43.80 cGy	3.40 %	5	PASS
Patient outline	Average gamma			0.25	0.25 %	1	PASS
ndf	Average dose	3,533.98 cGy	3,472.53 cGy	61.45 cGy	1.77 %	5	PASS
ndf	Average gamma			0.42	0.42 %	1	PASS
PTV2-55Gydc	Average dose	2,609.09 cGy	2,491.62 cGy	117.47 cGy	4.71 %	5	PASS
PTV2-55Gydc	Average gamma			0.37	0.37 %	1	PASS
ctv.kn	Average dose	7,179.16 cGy	7,114.73 cGy	64.43 cGy	0.91 %	5	PASS
ctv.kn	Average gamma			0.40	0.40 %	3	FAIL
gfv.tgl	Average dose	7,310.87 cGy	7,309.47 cGy	1.40 cGy	0.02 %	3	PASS
gfv.tgl	Average gamma			0.21	0.21 %	3	PASS
gfv.tumor	Average dose	7,221.25 cGy	7,334.75 cGy	-113.50 cGy	-1.56 %	3	PASS
gfv.tumor	Average gamma			0.47	0.47 %	3	FAIL

COMPASS provides instant and most reliable plan verification based on the user's individual clinical treatment protocol.

Tolerances, maximum/minimum doses and dose homogeneity can be set per critical organ and treatment volume.

Treatment Plan (reference)

