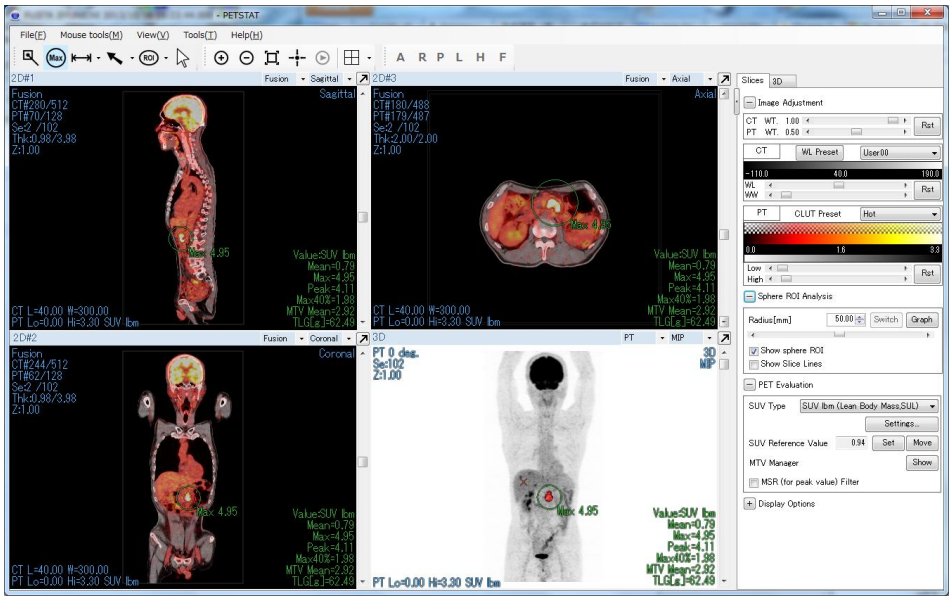
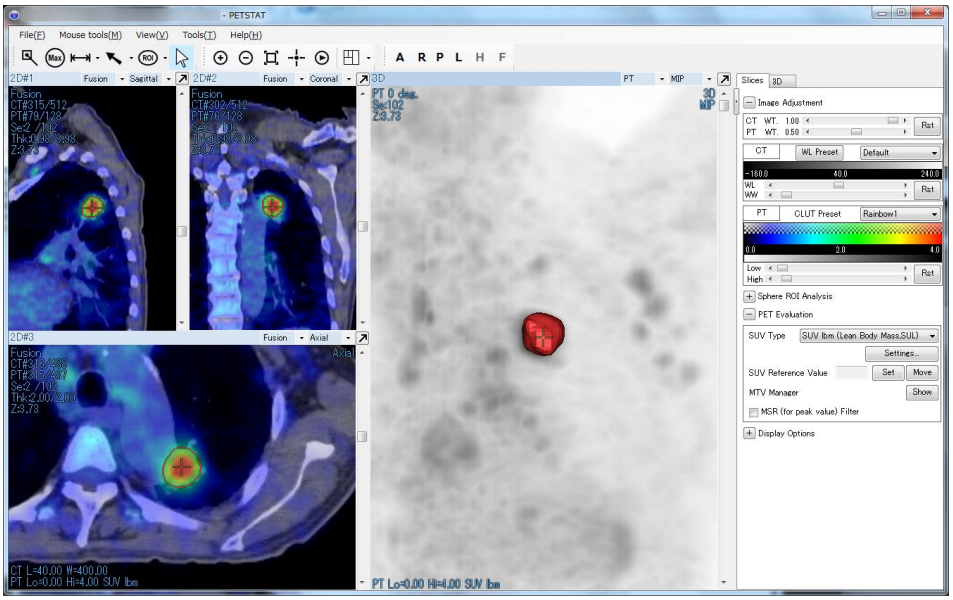
PETSTAT®

Advanced Intelligence for medical imaging

PET/CT Medical imaging viewer

PETSTAT is a PET/CT medical imaging viewer , which focuses on cancer diagnosis, clinical trials and research by PET imaging. PETSTAT has intuitive and easy-to-use GUI which integrates various functionalities such as image analysis, volumetric analysis, histogram analysis, 3D graphics.



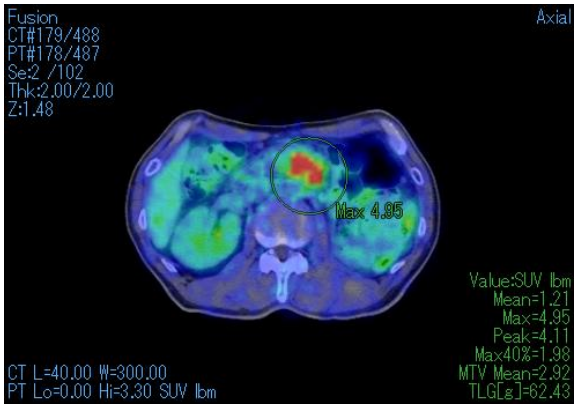


AdIn Research, Inc.

●PERCIST support
➢Displays SUV bw, SUV bsa, SUV lbm (SUL),Peak

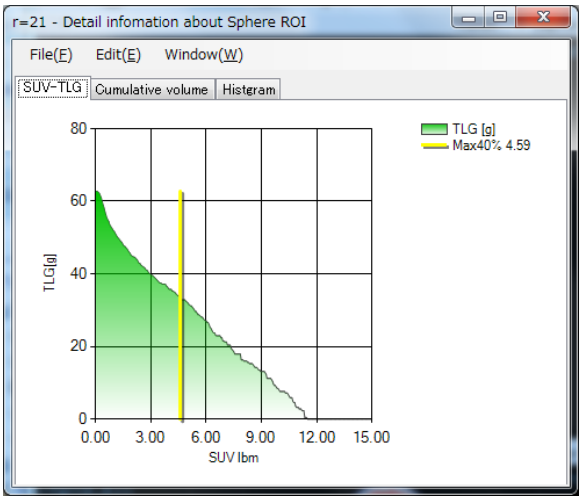
●RECIST support
➢Lesion manager lists up measures, ROIs, marks and sums up those parameters

●PET/CT fusion image
➢PET/CT fusion image enbables quick and intuitive diagnosis.

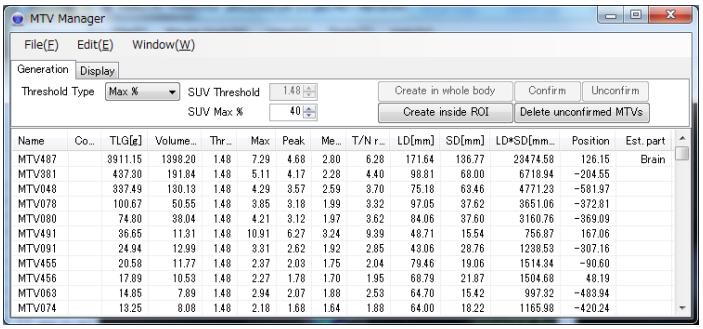


PET/CT fusion image and Sphere ROI analysis

●Sphere ROI analysis
➢Displays SUV max, mean, TLG (Total Lesion Glycolysis) , Peak within a sphere ROI.
➢Displays SUV histogram and SUV-cumulative volume and SUV-TLG graph and outputs by CSV format.



●MTV manager
➢Semi-automatic MTV (Metabolic Tumor Volume) creation and listing up MTVs with parameters such as TLG , volume, SUV Max, SUV Peak, T/N ratio, Maximum diameter , and summing up these quantities.
➢Displays MTVs on MPI/VR views.
➢Outputs MTVs by CSV format.



Name	Co...	TLG[g]	Volume...	Thr...	Max	Peak	Me...	T/N r...	LD[mm]	SD[mm]	LD*SD[mm...	Position	Est. part
MTV487		3911.15	1398.20	1.48	7.29	4.68	2.80	6.28	171.64	136.77	23474.58	126.15	Brain
MTV381		437.30	191.84	1.48	5.11	4.17	2.28	4.40	98.81	68.00	6718.94	-204.55	
MTV048		337.49	130.13	1.48	4.29	3.57	2.59	3.70	75.18	63.46	4771.23	-581.97	
MTV078		100.67	50.55	1.48	3.85	3.18	1.99	3.32	97.05	37.62	3651.06	-372.81	
MTV080		74.80	38.04	1.48	4.21	3.12	1.97	3.62	84.06	37.60	3160.76	-369.09	
MTV491		36.65	11.31	1.48	10.91	6.27	3.24	9.39	48.71	15.54	756.87	167.06	
MTV091		24.94	12.99	1.48	3.31	2.62	1.92	2.85	43.06	28.76	1238.53	-307.16	
MTV455		20.58	11.77	1.48	2.37	2.03	1.75	2.04	79.46	19.06	1514.34	-90.60	
MTV456		17.89	10.53	1.48	2.27	1.78	1.70	1.95	68.79	21.87	1504.68	48.19	
MTV063		14.85	7.89	1.48	2.94	2.07	1.88	2.53	64.70	15.42	997.32	-483.94	
MTV074		13.25	8.08	1.48	2.18	1.68	1.64	1.88	64.00	18.22	1165.98	-420.24	

●3D graphics
➢MIP(Maximum Intensity Projection) which is a prerequisite for PET imaging.
➢Volume Rendering which is helpful in intuitive understanding of tumor locations.

●PACS
➢Supports DICOM network communication.

●Data output
➢Histgram or MTVs can be output to CSV / Text files.
➢Stores paramters of viewer sessions for statistical analyses of new indices or effect of cancer therapies.

●Windows platform
➢Available on laptop PCs.
➢More comfortably available on high-end PC workstations.

●Meeting the needs of cancer frontier
➢Reflects the options of the central hospital of National Cancer Center(Japan).

Sales and Development

Advanced Intelligence

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