

HRRT_U 1.1 Problems Tracking

Unsolved HRRT_U 1.0 problems reported to HRRT_U 1.1

PR Tag	Program	Description	Status
		Released Patch 1.0.1 21-Jan-2009	
1.0.50	hrrt_osem3d	Add logging when hrrt_rebinner.lut file for random smoothing is missing	Done
1.0.51	hrrt_osem3d	Print sw_version and build id in cluster log file	Done
1.0.52	hrrt_rebinner_lut_gen_delays	Cologne geometry(option -k) not implemented	Done
1.0.53	hrrt_rebinner_lut_gen_delays	Low resolution mode not implemented	Done
1.0.54	ReconGUI	Add logging for reconstruction task (hrrt_osem3d -L)	Done
1.0.55	lm_histogram_u	Created TX sinogram doesn't match with original lmhistogram output	Done

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1.1.1	hrrt_osem3d	Add logging when hrrt_rebinner.lut file for random smoothing is missing	Done
1.1.2	hrrt_osem3d	Print sw_version and build id in cluster log file	Done
1.1.3	hrrt_rebinner_lut	Cologne geometry(option -k) not implemented	Done
1.1.4	hrrt_rebinner_lut	Low resolution mode not implemented (-L 1 2)	done not tested
1.1.5	ReconGUI_u	Add logging for reconstruction task (hrrt_osem3d -L)	Done
1.1.6	lm_histogram_u	Created TX sinogram doesn't match with original lmhistogram output	Done
1.1.7	ReconGUI_u	Create cluster job files in the cluster job submission directory and avoid orphans batch files	
1.1.8	ReconGUI_u	Create e7_atten_u, e7_fwd_u, e7_sino_u and hrrt_osem3d log files in the log directory under the patient directory.	Done

1.1.9	ReconGUI_u	Create e7_atten_u and e7_sino_u QC files in the QC directory under the patient directory.	Done
		Released test version 31Jul2009	
1.1.10	lmhistogram_u	Low Resolution not implemented	
1.1.11	norm_process	Low Resolution not implemented	
1.1.12	hrrt_osem3d span3	Span3 image reconstructed with span9 scatter and attenuation is wrong.	Done
1.1.13	if2e7	Plane sensitivity not applied	Done
1.1.14	ecat_3drp	3DRP image RoI average is 2-7% higher than OP-OSEM	Done -use 3drp/osem
1.1.15	hrrt_gapfill	Output sinogram header is invalid	Done
1.1.16	hrrt_sinocor	Bug: gap not filled	Done
		Released test version 05 Aug 2009	
1.1.17	hrrt_osem3d	Blinded blocks not handled properly: apply norm mask to prompt sinogram – Reconstructed image shows reduced noise from segments and gap edges.	Done
		Released test version 04 Sep 2009	
1.1.18	hrrt_gapfill	Reconstructed image has artefacts	
1.1.19	norm_process	Check input arguments and exit if arguments are invalid	Done
1.1.20	scanit_u	Scan start time millisec not precise (up to 400msec before real start time)	Done
1.1.21	scanit_u	Add “dead time constant” to the listmode header	Done

1.1.22	e7_sino_u	Add scatter fraction to header	Done
1.1.23	hrrt_osem3d	Add scatter fraction to header	Done
1.1.24	hrrt_sinocor	Add scatter fraction to header	Done
		Release candidate 1 version 28 Sep 2009 - source code 2009-09-27-r94	
1.1.25	norm_process	Ring artifact visible on sum image: adjust efficiencies of back layer crystal at Analog Board edges to block average.	Done
1.1.26	hrrt_osem3d	Add "Apply normalization mask to prompt sinogram" message to logging	Done
1.1.27	ecat_3drp	3D filter parameters "-H" is sufficient to specify the filter, remove filter file "-f" argument	Done
1.1.28	e7_sino_u	QC is incomplete, oblique segment QC are missing	Done
1.1.29	lmhistogram_u	Bug: lmhistogram_u crashes on TX scans containing invalid DoI combination events (none of them being 7)	Done
		Release candidate 2 version 12 Nov 2009 - source code 2009-11-12-r112	