

RTOG 1106 Dry Run / Benchmark Instructions and Datasets

Please download the imaging datasets linked below and use them to perform image registration, segmentation, and planning as required by Protocol RTOG 1106.

Refer to the [Lung Atlases](#) for Target and OAR delineation.

Please complete the 1106 Datasheet and submit with your DICOM data via TRIAD. This same form will be completed for actual cases enrolled to the trial.

Image Datasets for the Dry Run / Benchmark can be downloaded as a single ZIP file (959 Mbytes).

Below is a description of the files that are to be downloaded and imported to your TPS. Once planned per protocol instructions, please be sure to submit all items listed below. Your submission will not be processed until all required items are successfully received.

- 1) Completed 1106 Datasheet
- 2) Digital Data Submission Information (DDSI) Form, submitted online
- 3) All DICOM data, including: (2CT, 2PT, 3 Dose Files, 3 Plan Files, Structure File)
 - a. CT1 PT1, **Initial** RT Dose, Initial RT Plan, RT Structure (labeled exactly as shown in protocol)
 - b. CT2, PT2, **Adaptive** RT Dose, Adaptive RT Plan, RT Structure (labeled exactly as shown in protocol, case sensitive, underscores required if shown)
 - c. **Composite** RT Dose (initial + composite), Composite RT Plan
Composite Structure File
- 4) Screenshots of all required fusions
 - a. CT1 to PT1
 - b. CT2 to CT1
 - c. PT2 to CT1

CT from Initial PET/CT	RTOG1106_CT_2011-03-03_C5CD5_PCT1
PET from Initial PET/CT	RTOG1106_PT_2011-03-03_B1991_PET1
Untagged/Average scan from Initial 4DCT	RTOG1106_CT_2011-03-04_03E8D_CT1_Untagged
Initial Exhale CT w/ contrast	RTOG1106_CT_2011-03-04_938B5_CT1_EX_CON
Initial 4DCT phases	RTOG1106_CT_2011-03-04_75729_CT1_0
	RTOG1106_CT_2011-03-04_F78A2_CT1_10
	RTOG1106_CT_2011-03-04_347CF_CT1_20
	RTOG1106_CT_2011-03-04_44349_CT1_30
	RTOG1106_CT_2011-03-04_2C181_CT1_40
	RTOG1106_CT_2011-03-04_22864_CT1_50
	RTOG1106_CT_2011-03-04_4690C_CT1_60
	RTOG1106_CT_2011-03-04_1390F_CT1_70
	RTOG1106_CT_2011-03-04_22BE2_CT1_80
RTOG1106_CT_2011-03-04_556AB_CT1_90	
CT from 2nd PET/CT	RTOG1106_CT_2011-04-08_952F7_PCT2
PET from 2nd PET/CT	RTOG1106_PT_2011-04-08_2DF24_PET2
2nd Exhale CT w/ contrast	RTOG1106_CT_2011-04-08_1046F_CT2_EX_CON
Untagged/Average scan from 2nd 4DCT	RTOG1106_CT_2011-04-08_64619_CT2_Untagged
2nd 4DCT phases	RTOG1106_CT_2011-04-08_435EE_CT2_0
	RTOG1106_CT_2011-04-08_85842_CT2_10
	RTOG1106_CT_2011-04-08_400DC_CT2_20
	RTOG1106_CT_2011-04-08_227D1_CT2_30
	RTOG1106_CT_2011-04-08_477FC_CT2_40
	RTOG1106_CT_2011-04-08_74219_CT2_50
	RTOG1106_CT_2011-04-08_B36C2_CT2_60
	RTOG1106_CT_2011-04-08_A0046_CT2_70
	RTOG1106_CT_2011-04-08_2D714_CT2_80
RTOG1106_CT_2011-04-08_809E8_CT2_90	