

Digital Data Submission Check list: RTOG 0617

- ✓ CT scans: 3 mm Slice Thickness from the level of the cricoids cartilage extending inferiorly through the entire liver volume.
- ✓ RT dose: a dose file for each fraction group delivered. If more than one set of beams are delivered on different days than each set should be represented as a separate fraction group.
- ✓ RT plan: one for each dose file. If the submission is RTOG data exchange rather than DICOM an MU spreadsheet should be submitted as well.
- ✓ RT structure set: The following structures should be included in the submission. Please use the table below to identify the structure names used by your institution if different than the standard structure name:

Standard Name	Description	Institution Name (if different than the standard structure name)
*GTV/ITV	Gross Tumor Volume including involved nodes (ITV includes envelope that encompasses the tumor motion for a complete respiratory cycle)	
*CTV	GTV/ITV expanded by 0.5 cm to 1.0 cm to account for microscopic tumor extension.	
*PTV	Expansion of the CTV by at least 1.5 cm in the sup-inf directions and 1.0 cm in the axial plane	
*HEART	Great Vessels	
¹ LUNG_L	Left Lung minus the CTV	
¹ LUNG_R	Right Lung minus the CTV	
¹ LUNG_TOTAL	Total Lung minus the CTV	
*ESOPHAGUS	Esophagus contoured from the bottom of the cricoid to the gastroesophageal junction	
*SPINAL_CORD	Spinal Cord contoured on every slice	
*HEART	Heart	
*BRACHIAL_PLEXUS	Brachial Plexus	
*SKIN	A single external contour representing the patient's surface	

*These structures are required for every protocol case.

¹ Either both Left and Right Lung should be submitted or the Total lung.