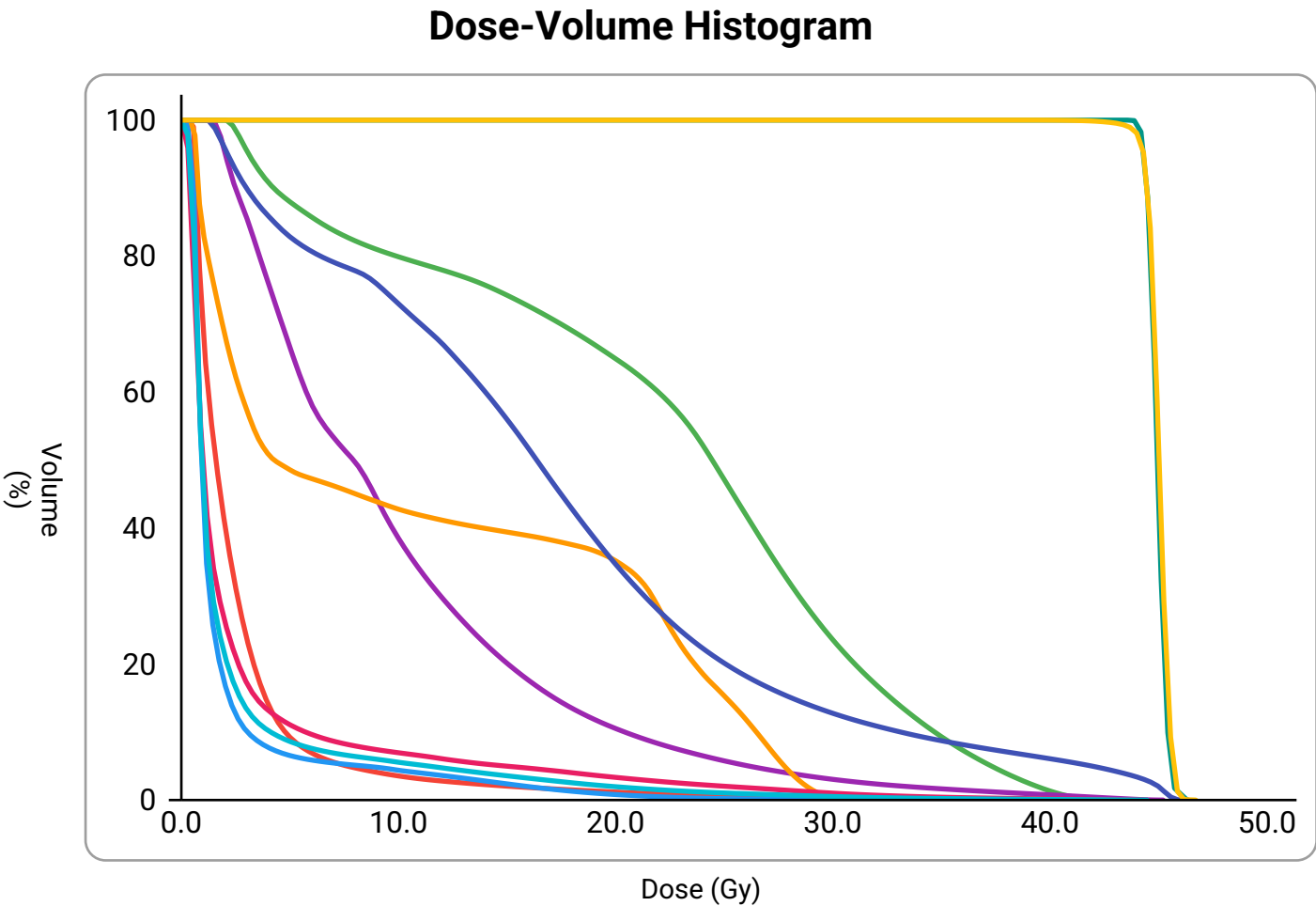


RT Tools - Patient Analysis Report

Date: 2025-03-21 04:10:43
Patient ID: 44444
Note: Ok

Course: C1
Plan: P-45

Dose-Volume Histogram



- Heart
- Lung_R
- Kidney_R
- Kidney_L
- SpinalCord
- CTVboost
- Lung_L
- Liver
- Lungs
- CTVmide

Target Coverage Analysis

CTV_{mid}

Rx: 45.0 Gy

D_{min} 0.0 Gy

D_{mean} 45.0 Gy

D_{max} 46.7 Gy

Volume 663.3 cc

Dose Level	Value	Coverage
95% of Rx	42.8 Gy	99.7%
100% of Rx	45.0 Gy	52.0%
105% of Rx	47.3 Gy	0.0%
107% of Rx	48.2 Gy	0.0%
110% of Rx	49.5 Gy	0.0%

Constraint Analysis

Table: Th Plv

Structure	Constraint	Parameter	Op	Limit	Actual	Status
SpinalCord	Spinal Cord	Dmax	<=	50.0 Gy	31.2 Gy	PASS
SpinalCord	Spinal Cord	Dmax	<=	60.0 Gy	31.2 Gy	PASS
SpinalCord	Spinal Cord	Dmax	<=	69.0 Gy	31.2 Gy	PASS
Lung_R	Lung	V20	<=	30.0%	0.8%	PASS
Lung_L	Lung	V20	<=	30.0%	3.3%	PASS
Lungs	Lung	V20	<=	30.0%	2.0%	PASS
Lung_R	Lung	Mean Dose	<=	7.0 Gy	1.9 Gy	PASS
Lung_L	Lung	Mean Dose	<=	7.0 Gy	2.8 Gy	PASS
Lungs	Lung	Mean Dose	<=	7.0 Gy	2.3 Gy	PASS
Lung_R	Lung	Mean Dose	<=	13.0 Gy	1.9 Gy	PASS
Lung_L	Lung	Mean Dose	<=	13.0 Gy	2.8 Gy	PASS
Lungs	Lung	Mean Dose	<=	13.0 Gy	2.3 Gy	PASS
Lung_R	Lung	Mean Dose	<=	20.0 Gy	1.9 Gy	PASS



Lung_L	Lung	Mean Dose	<=	20.0 Gy	2.8 Gy	PASS
Lungs	Lung	Mean Dose	<=	20.0 Gy	2.3 Gy	PASS
Lung_R	Lung	Mean Dose	<=	24.0 Gy	1.9 Gy	PASS
Lung_L	Lung	Mean Dose	<=	24.0 Gy	2.8 Gy	PASS
Lungs	Lung	Mean Dose	<=	24.0 Gy	2.3 Gy	PASS
Lung_R	Lung	Mean Dose	<=	27.0 Gy	1.9 Gy	PASS
Lung_L	Lung	Mean Dose	<=	27.0 Gy	2.8 Gy	PASS
Lungs	Lung	Mean Dose	<=	27.0 Gy	2.3 Gy	PASS
Heart	Heart	Mean Dose	<	26.0 Gy	2.6 Gy	PASS
Heart	Heart	V30	<	46.0%	0.3%	PASS
Heart	Heart	V25	<	10.0%	0.6%	PASS
Liver	Liver	Mean Dose	<	3032.0 Gy	17.3 Gy	PASS
Liver	Liver	Mean Dose	<	42.0 Gy	17.3 Gy	PASS
Liver	Liver	Mean Dose	<	28.0 Gy	17.3 Gy	PASS
Liver	Liver	Mean Dose	<	36.0 Gy	17.3 Gy	PASS
Kidney_R	Kidney	Mean Dose	<	1518.0 Gy	22.0 Gy	PASS
Kidney_L	Kidney	Mean Dose	<	1518.0 Gy	9.9 Gy	PASS
Kidney_R	Kidney	Mean Dose	<	28.0 Gy	22.0 Gy	PASS
Kidney_L	Kidney	Mean Dose	<	28.0 Gy	9.9 Gy	PASS
Kidney_R	Kidney	V12	<	55.0%	78.0%	FAIL
Kidney_L	Kidney	V12	<	55.0%	29.8%	PASS
Kidney_R	Kidney	V20	<	32.0%	64.9%	FAIL
Kidney_L	Kidney	V20	<	32.0%	10.5%	PASS
Kidney_R	Kidney	V23	<	30.0%	56.6%	FAIL
Kidney_L	Kidney	V23	<	30.0%	7.3%	PASS
Kidney_R	Kidney	V28	<	20.0%	32.0%	FAIL
Kidney_L	Kidney	V28	<	20.0%	3.9%	PASS
Heart	Heart	V60	<	33.0%	0.0%	PASS
Heart	Heart	V45	<	67.0%	0.0%	PASS
Heart	Heart	V40	<	100.0%	0.0%	PASS
Kidney_R	Kidney	V50	<	33.0%	0.0%	PASS

Kidney_L	Kidney	V50	<	33.0%	0.0%	PASS
Kidney_R	Kidney	V30	<	67.0%	23.6%	PASS
Kidney_L	Kidney	V30	<	67.0%	3.0%	PASS
Kidney_R	Kidney	V23	<	100.0%	56.6%	PASS
Kidney_L	Kidney	V23	<	100.0%	7.3%	PASS
Kidney_R	Kidney	V18	<	10.0%	69.0%	FAIL
Kidney_L	Kidney	V18	<	10.0%	13.5%	FAIL
Kidney_R	Kidney	Dmax	<	20.0 Gy	44.3 Gy	FAIL
Kidney_L	Kidney	Dmax	<	20.0 Gy	45.2 Gy	FAIL
Liver	Liver	V35	<	50.0%	8.7%	PASS
Liver	Liver	V30	<	100.0%	12.8%	PASS
Lung_R	Lung	V20	<	37.0%	0.8%	PASS
Lung_L	Lung	V20	<	37.0%	3.3%	PASS
Lungs	Lung	V20	<	37.0%	2.0%	PASS
Lung_R	Lung	Mean Dose	<	20.0 Gy	1.9 Gy	PASS
Lung_L	Lung	Mean Dose	<	20.0 Gy	2.8 Gy	PASS
Lungs	Lung	Mean Dose	<	20.0 Gy	2.3 Gy	PASS
SpinalCord	Spinal Cord	V48 [cc]	<	0.03 cc	0.00 cc	PASS
SpinalCord	Spinal Cord	Dmax	<	45.0 Gy	31.2 Gy	PASS

Status: APPROVED

