

Plan Quality Algorithm: NSABP B-51_RTOG 1304 Arm 1 Group 1A Left Side 64Gy [19 Max Possible] [19 Metrics] (Page 1 of 2)

1	 V (%) D(Gy)	Volume (%) of the PTV EVAL covered by 47.5 (Gy)	1	
2	 V (%) D(Gy)	Volume (%) of the PTV EVAL covered by 45 (Gy)	1	
3	 V (%) D(Gy)	Dose (Gy) covering 50 (%) of the PTV EVAL	1	
4	 V (%) D(Gy)	Volume (%) of the PTV EVAL covered by 64 (Gy)	1	
5	 ROI Max (Gy)	Maximum dose (Gy) inside the WHOLE BREAST	1	
6	 Conformity Index	[Volume (cc) covered by 47.5 (Gy)] / [Total volume (cc) of the PTV EVAL]	1	
7	 V (%) D(Gy)	Volume (%) of the LUMPECTOMY PTV EVAL_64GY covered by 60.8 (Gy)	1	
8	 V (%) D(Gy)	Volume (%) of the LUMPECTOMY PTV EVAL_64GY covered by 57.6 (Gy)	1	
9	 V (%) D(Gy)	Volume (%) of the LUMPECTOMY PTV EVAL_64GY covered by 70.4 (Gy)	1	
10	 ROI Max (Gy)	Maximum dose (Gy) inside the LUMPECTOMY PTV EVAL_64GY	1	

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11	ROI  Max (Gy)	Maximum dose (Gy) inside the CONTRALATERAL BREAST	1	 ≤ 3.1 > 4.960
12	V (%)  D(Gy)	Dose (Gy) covering 4.99 (%) of the CONTRALATERAL BREAST	1	 ≤ 1.86 ≥ 3.101
13	V (%)  D(Gy)	Volume (%) of the IPSILATERAL LUNG covered by 20 (Gy)	1	 ≤ 15 < 20.01 ≥ 20.01
14	V (%)  D(Gy)	Volume (%) of the IPSILATERAL LUNG covered by 10 (Gy)	1	 ≤ 35 < 40.01 ≥ 40.01
15	V (%)  D(Gy)	Volume (%) of the IPSILATERAL LUNG covered by 5 (Gy)	1	 ≤ 50 < 55.01 ≥ 55.01
16	V (%)  D(Gy)	Volume (%) of the CONTRALATERAL LUNG covered by 5 (Gy)	1	 ≤ 10 < 15.01 ≥ 15.01
17	V (%)  D(Gy)	Dose (Gy) covering 5 (%) of the HEART_LT SIDE	1	 ≤ 20 < 25.01 ≥ 25.01
18	V (%)  D(Gy)	Volume (%) of the HEART_LT SIDE covered by 10 (Gy)	1	 ≤ 30 < 35.01 ≥ 35.01
19	ROI  Mean (Gy)	Mean dose (Gy) inside the HEART	1	 ≤ 4 ≥ 5.01