

Plan Quality Algorithm: RTOG 1005 ARM 1 54.7 GY Hypofractionated [23 Max Possible] [23 Metrics] (Page 1 of 3)

1	 V (%) D(Gy)	Volume (%) of the BREAST PTV EVAL covered by 40.6 (Gy)	1	
2	 V (%) D(Gy)	Volume (%) of the BREAST PTV EVAL covered by 38.4 (Gy)	1	
3	 V (%) D(Gy)	Volume (%) of the BREAST PTV EVAL covered by 54.7 (Gy)	1	
4	 V (%) D(Gy)	Dose (Gy) covering 50 (%) of the BREAST PTV EVAL	1	
5	 ROI Max (Gy)	Maximum dose (Gy) inside the WHOLE BREAST	1	
6	 Conformality Index f(x)	[Volume (cc) covered by 40.6 (Gy)] / [Total volume (cc) of the BREAST PTV EVAL]	1	
7	 V (%) D(Gy)	Volume (%) of the LUMPECTOMY PTV EVAL covered by 52 (Gy)	1	
8	 V (%) D(Gy)	Volume (%) of the LUMPECTOMY PTV EVAL covered by 49.2 (Gy)	1	
9	 V (%) D(Gy)	Volume (%) of the LUMPECTOMY PTV EVAL covered by 60.2 (Gy)	1	
10	 ROI Max (Gy)	Maximum dose (Gy) inside the LUMPECTOMY PTV EVAL	1	

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11	 Conformality Index ROI	[Volume (cc) covered by 52 (Gy)] / [Total volume (cc) of the LUMPECTOMY PTV EVAL]	1		Goal(s): [≥ 0.95 AND ≤ 2]
12	 Max (Gy)	Maximum dose (Gy) inside the CONTRALATERAL BREAST	1		≤ 3.1 ≥ 4.961
13	 V (Gy)	Dose (Gy) covering 5 (%) of the CONTRALATERAL BREAST	1		≤ 1.86 ≥ 3.101
14	 V (Gy)	Volume (%) of the IPSILATERAL LUNG covered by 20 (Gy)	1		≤ 15 < 20.01 ≥ 20.01
15	 V (Gy)	Volume (%) of the IPSILATERAL LUNG covered by 10 (Gy)	1		≤ 35 < 40.01 ≥ 40.01
16	 V (Gy)	Volume (%) of the IPSILATERAL LUNG covered by 5 (Gy)	1		≤ 50 < 55.01 ≥ 55.01
17	 V (Gy)	Volume (%) of the CONTRALATERAL LUNG covered by 5 (Gy)	1		≤ 10 < 15.01 ≥ 15.01
18	 V (Gy)	Dose (Gy) covering 5 (%) of the HEART (LT BREAST)	1		≤ 20 < 25.01 ≥ 25.01
19	 V (Gy)	Volume (%) of the HEART (LT BREAST) covered by 10 (Gy)	1		≤ 30 < 35.01 ≥ 35.01
20	 V (Gy)	Dose (Gy) covering 0 (%) of the HEART (RT BREAST)	1		≤ 20 < 25.00 ≥ 25.00

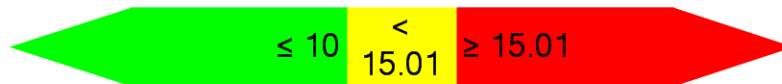
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**D**(Gy)

Volume (%) of the HEART (RT BREAST) covered by 10 (Gy)

1

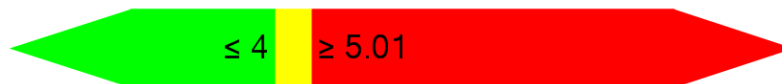


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**Mean** (Gy)

Mean dose (Gy) inside the HEART

1



23

**Max** (Gy)

Maximum dose (Gy) inside the THYROID

1

