

Supplementary Table 3: Open validation dosimetric comparison between manual plans and RapidPlan plans for right breast

Structure	Parameter	MP	RP	P
zPTV_High_5600!	D95% [Gy]	54.5±0.7	54.5±0.7	0.161
	D2% [Gy]	60.1±0.5	59.8±0.8	0.244
zPTV_Mid_4600!	D95% [Gy]	44.6±0.7	44.4±0.6	0.356
zPTV_Low_4300!	D95% [Gy]	41.9±0.6	41.5±0.6	0.059
Heart	D8% [Gy]	2.5±0.5	2.7±0.5	0.467
	Mean [Gy]	1.5±0.3	1.6±0.3	0.582
SpinalCord	Max [Gy]	3.7±0.5	4.0±0.4	0.117
Homolateral_Lung	D50% [Gy]	6.9±0.7	7.1±0.4	0.581
	D20% [Gy]	12.3±1.7	12.1±1.2	0.575
	D10% [Gy]	17.2±2.3	17.1±1.9	0.864
Contralateral_Lung	D20% [Gy]	2.9±0.3	2.7±0.3	0.124
	D10% [Gy]	3.8±0.6	3.6±0.7	0.188
Contralateral_Breast	Max [Gy]	9.5±2.0	10.0±2.2	0.078
	Mean [Gy]	2.4±0.4	2.2±0.3	0.207

MP: Manual plan, RP: RapidPlan plan