

Table S1. Univariate analysis of baseline confounding factors and postoperative outcomes.

Baseline factor and outcome	Test statistic	P-value
BMI (continuous, kg/m <sup>2</sup> )		
Incision site sclerosis	t=0.87	0.386
Pain at surgical site	t=1.21	0.229
Skin indentation	t=0.54	0.59
Symptomatic seroma/hematoma	t=0.33	0.742
Delayed incision healing	t=0.91	0.365
Fat necrosis	t=1.02	0.31
Incision infection	t=0.76	0.449
Satisfaction with breasts	r=-0.08	0.453
Psychosocial well-being	r=0.12	0.256
Chest physical well-being	r=-0.05	0.639
Diabetes (yes vs. no)		
Incision site sclerosis	$\chi^2=0.23$	0.631
Pain at surgical site	$\chi^2=1.54$	0.215
Skin indentation	$\chi^2=0.08$	0.777
Symptomatic seroma/hematoma	$\chi^2=0.01$	0.919
Delayed incision healing	$\chi^2=1.89$	0.169
Fat necrosis	$\chi^2=0.45$	0.502
Incision infection	$\chi^2=0.67$	0.413
Satisfaction with breasts	t=0.92	0.36
Psychosocial well-being	t=0.54	0.59
Chest physical well-being	t=0.38	0.705
Hypertension (yes vs. no)		
Incision site sclerosis	$\chi^2=0.02$	0.888
Pain at surgical site	$\chi^2=0.47$	0.493
Skin indentation	$\chi^2=1.12$	0.29
Symptomatic seroma/hematoma	$\chi^2=2.34$	0.126
Delayed incision healing	$\chi^2=0.18$	0.671
Fat necrosis	$\chi^2=0.91$	0.34
Incision infection	$\chi^2=0.01$	0.919
Satisfaction with breasts	t=0.21	0.834
Psychosocial well-being	t=1.07	0.287
Chest physical well-being	t=0.65	0.517
Cardiovascular disease (yes vs. no)		
Incision site sclerosis	Fisher's exact	1
Pain at surgical site	Fisher's exact	0.592
Skin indentation	Fisher's exact	0.619
Symptomatic seroma/hematoma	$\chi^2=0.21$	0.647
Delayed incision healing	Fisher's exact	0.43
Fat necrosis	Fisher's exact	1
Incision infection	Fisher's exact	1
Satisfaction with breasts	t=0.67	0.506
Psychosocial well-being	t=0.89	0.378
Chest physical well-being	t=0.12	0.905

BMI, body mass index; t, independent samples t-test; r, Pearson correlation coefficient.

Table SII. BREAST-Q domain scores at 3 months after breast-conserving surgery with intraoperative radiotherapy (n=92).

BREAST-Q domain	Mean $\pm$ SD
Satisfaction with breasts	54.69 $\pm$ 19.56
Psychosocial well-being	64.37 $\pm$ 25.74
Chest physical well-being	60.99 $\pm$ 23.47

BREAST-Q, Breast-Quality of Life Questionnaire; SD, standard deviation.