

Supplementary Digital Content 1

Demographics, breast cup size, breast ptosis grade, specimen weight, tumor size and flap dimensions for each patient undergoing lumpectomy and bidirectional LICAP flap reconstruction.

Patient	BMI	Cup	Breast	Lumpectomy	Tumor	Flap	Flap	Flap
Age (y)	(kg/m ²)	Size	Ptosis	Weight (g)	Size(cm)	height(cm)	width(cm)	thickness(cm)
38	20	34A	0	137	3.8	3	17	4
44	21	32B	0	145	3.7	4	15	1.5
50	21	32B	0	125	5.0	3	17	1.5
52	22	32B	1	125	4.0	4	18	1
55	23	34B	0	65	2.0	2	19	1.5
56	23	34C	0	85	2.9	2	23	1.5
57	24	38A	0	60	1.8	2	21	1
60	25	36B	0	163	3.8	4	24	1.5
63	26	34A	0	117	3.2	2	19	2
64	32	32B	1	230	6.5	5	25	2

g, grams; cm, centimeter; kg/m², kilogram/meter²; y, years.