

Table 6. Predictors of overall 30-day postoperative morbidity among women undergoing mastectomy with or without immediate reconstruction .

	Multivariable Logistic Regression		
	OR	95% CI	P value
Neoadjuvant radiotherapy	1.38	0.68- 2.82	0.375
Age, y	1.00	0.99-1.01	0.080
Neoadjuvant chemotherapy	0.97	0.76 - 1.24	0.827
Body mass index, kg/m²	1.04	1.03- 1.05	<0.001
Smoking, within 1 y	1.33	1.16- 1.54	<0.001
Work relative value units	1.00	0.99- 1.02	0.927
Operation Year			
2005/2006	Ref	Ref	Ref
2007	1.17	0.86- 1.58	0.320
2008	1.08	0.80 - 1.46	0.605
2009	1.01	0.76 - 1.35	0.935
2010	1.13	0.84- 1.51	0.420
2011	1.17	0.86- 1.59	0.324
Inpatient status	1.24	1.07- 1.44	0.004
ASA classification			
1	Ref	Ref	Ref
2	1.04	0.85 - 1.27	0.703
3	1.26	1.00 - 1.59	0.049
4	1.13	0.46 - 2.76	0.790
5 ^s	-	-	-
Wound classification			
Clean	Ref	Ref	Ref
Clean/Contaminated	1.09	0.79-1.51	0.599
Contaminated	2.13	0.92- 4.96	0.079
Dirty/Infected	0.80	0.17- 3.87	0.786
Composite cardiovascular morbidity	1.10	0.88- 1.39	0.388
Composite respiratory morbidity	2.53	1.69- 3.76	<0.001
Composite renal morbidity	1.61	0.42- 6.16	0.484

Composite hematology-oncology morbidity	1.30	0.92-1.85	0.138
Composite CNS morbidity	1.32	0.89- 1.96	0.161
Diabetes on Insulin treatment	0.97	0.63-1.51	0.902
Diabetes on oral treatment	0.96	0.74-1.25	0.763
Alcohol consumption ≤2 weeks from the surgery	1.07	0.68-1.70	0.759
Prior operation ≤30 days from the surgery	1.57	1.20-2.04	0.001
Operation time	1.00	1.00- 1.00	<0.001
Race/Ethnicity			
White	Ref	Ref	Ref
American Indian	1.04	0.31- 3.50	0.956
Asian	0.65	0.46- 0.94	0.021
Black	0.94	0.79- 1.14	0.548
Latino	0.76	0.59- 0.98	0.035
Breast Reconstruction Technique			
Tissue Expanders	Ref	Ref	Ref
Implants	1.05	0.89- 1.23	0.558
Flaps	1.26	1.09- 1.46	0.002

Abbreviations: ASA, American Society of Anesthesiologists; OR, Odds Ratio; 95% CI, 95%

Confidence Interval of the odds ratio.

[§]None of the patients had an ASA Class of 5. Composite hepato-biliary morbidity was omitted because of collinearity.