

Table 4. Predictors of 30-day surgical site morbidity among women undergoing mastectomy with or without immediate reconstruction.

	Multivariable Logistic Regression		
	OR	95% CI	P value
Neoadjuvant radiotherapy	1.05	0.37- 2.96	0.934
Age, y	1.01	1.00-1.02	0.007
Neoadjuvant chemotherapy	1.13	0.81-1.56	0.478
Body mass index, kg/m²	1.06	1.05- 1.07	<0.001
Smoking, within 1 y	1.56	1.29- 1.89	<0.001
Work relative value units	0.99	0.97- 1.01	0.288
Inpatient status	1.22	0.99- 1.51	0.061
ASA classification			
1	Ref	Ref	Ref
2	1.25	0.90 -1.73	0.180
3	1.48	1.04 - 2.11	0.030
4	1.78	0.62 - 5.13	0.283
5 ^s	1	-	-
Wound classification			
Clean	Ref	Ref	Ref
Clean/Contaminated	1.40	0.93-2.10	0.104
Contaminated	2.03	0.66-6.19	0.214
Dirty/Infected	1.78	0.36-8.72	0.476
Composite cardiovascular morbidity	1.24	0.93-1.64	0.144
Composite respiratory morbidity	1.65	0.96-2.82	0.068
Composite hemato-oncological morbidity	1.18	0.72-1.92	0.507
Composite CNS morbidity	1.16	0.69-1.97	0.568
Diabetes on Insulin treatment	1.41	0.85- 2.34	0.185
Diabetes on oral treatment	1.40	1.04- 1.90	0.027
Operation time	1.00	1.00- 1.00	0.000
Race/Ethnicity			
White	Ref	Ref	Ref
American Indian	0.69	0.09- 5.37	0.729

Asian	0.60	0.34- 1.06	0.080
Black	0.77	0.59- 1.00	0.050
Latino	0.76	0.54- 1.08	0.127
Breast Reconstruction			
Technique			
Tissue Expanders	Ref	Ref	Ref
Implants	1.19	0.97- 1.47	0.102
Flaps	1.28	1.05- 1.56	0.016

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

Confidence Interval of the odds ratio.

[§] ASA Class 4 predicted success perfectly and was dropped from the model, while none of the patients had an ASA Class 5. Composite renal morbidity predicted failure perfectly and was thus excluded from the model.