Laparoscopic Sleeve Gastrectomy

	Total Cases	Observed Events	Rate	Pred Obs Rate**	Expected Rate	Odds Ratio	95% C.I. Lower	95% C.I. Upper	Outlier	Decile	Adjusted Percentile	Adjusted Quartile	Assessment*
LSG Morbidity	130	1	0.77%	1.39%	1.83%	0.76	0.30	1.88	No	2	35	2	As Expected
LSG All Occurrences Morbidity	130	6	4.62%	3.96%	3.42%	1.17	0.63	2.15	No	8	61	3	As Expected
LSG Serious Event	130	4	3.08%	2.07%	1.59%	1.31	0.64	2.71	No	9	67	3	As Expected
LSG Leak	130	1	0.77%	0.18%	0.14%	1.32	0.41	4.25	No	10	63	3	As Expected
LSG Bleeding	130	0	0.00%	0.39%	0.49%	0.80	0.25	2.57	No	2	40	2	As Expected
LSG SSI	130	0	0.00%	0.26%	0.34%	0.77	0.16	3.58	No	2	40	2	As Expected
LSG All Cause Reoperation	130	2	1.54%	0.82%	0.66%	1.24	0.53	2.91	No	9	63	3	As Expected
LSG Related Reoperation	130	1	0.77%	0.40%	0.33%	1.21	0.39	3.69	No	8	58	3	As Expected
LSG All Cause Intervention	130	2	1.54%	0.67%	0.30%	2.22	0.59	8.30	No	10	76	4	Needs Improvement
LSG Related Intervention	130	2	1.54%	0.55%	0.21%	2.61	0.64	10.63	No	10	80	4	Needs Improvement
LSG All Cause Readmission	130	5	3.85%	2.93%	2.40%	1.23	0.65	2.35	No	9	65	3	As Expected
LSG Related Readmission	130	3	2.31%	1.88%	1.69%	1.11	0.55	2.25	No	8	57	3	As Expected

Laparoscopic Roux-en-Y Gastric Bypass

	Total Cases	Observed Events	Rate	Pred Obs Rate**	Expected Rate	Odds Ratio	95% C.I. Lower	95% C.I. Upper	Outlier	Decile	Adjusted Percentile	Adjusted Quartile	Assessment*
LRYGB Morbidity	16	2	12.50%	5.25%	3.67%	1.46	0.54	3.97	No	9	68	3	As Expected
LRYGB All Occurrences Morbidity	16	2	12.50%	8.07%	7.36%	1.11	0.56	2.20	No	8	58	3	As Expected
LRYGB Serious Event	16	2	12.50%	4.57%	3.61%	1.28	0.57	2.89	No	9	66	3	As Expected
LRYGB Leak	16	0	0.00%	0.22%	0.23%	0.98	0.19	5.02	No	6	49	2	As Expected
LRYGB Bleeding	16	2	12.50%	2.19%	1.18%	1.88	0.58	6.03	No	10	77	4	Needs Improvement
LRYGB SSI	16	0	0.00%	0.66%	0.71%	0.94	0.21	4.21	No	5	47	2	As Expected
LRYGB All Cause Reoperation	16	0	0.00%	1.27%	1.38%	0.92	0.29	2.99	No	4	46	2	As Expected
LRYGB Related Reoperation	16	0	0.00%	1.07%	1.16%	0.92	0.25	3.39	No	4	46	2	As Expected
LRYGB All Cause Intervention	16	1	6.25%	1.38%	0.93%	1.50	0.39	5.79	No	9	65	3	As Expected
LRYGB Related Intervention	16	0	0.00%	0.85%	0.90%	0.94	0.26	3.37	No	5	47	2	As Expected
LRYGB All Cause Readmission	16	1	6.25%	5.37%	5.27%	1.02	0.51	2.05	No	7	51	3	As Expected
LRYGB Related Readmission	16	1	6.25%	4.53%	4.32%	1.05	0.48	2.31	No	7	53	3	As Expected

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* Determined by Outlier status or by Adjusted Quartile status. The interpretation of "Needs Improvement" depends on whether or not a site is a high outlier. If a site is a high outlier then "Needs Improvement" should be interpreted as a warning that a problem does indeed exist. If a site is not a high outlier then "Needs Improvement" should be interpreted as an early warning that a problem may exist. All other things being equal, sites are encouraged to first direct quality improvement efforts towards those models in which the site is a high outlier.

** Predicted Observed Rate is the model-adjusted observed rate.