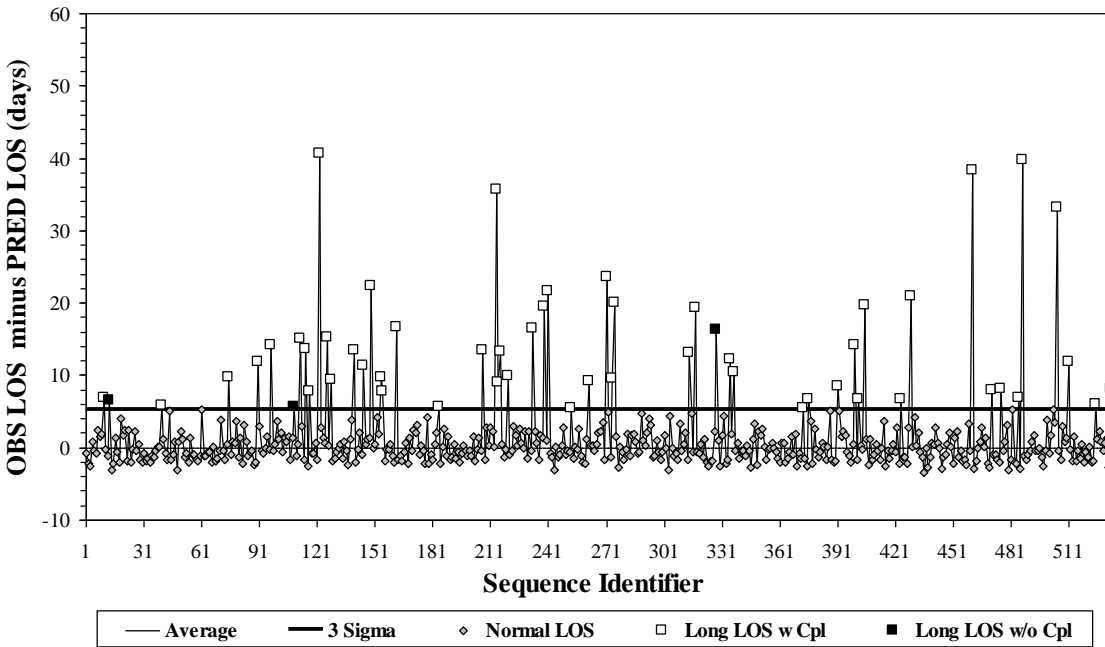


Figure 1

Illustrative Control Chart for Risk-adjusted Lengths of Stay for All Live Discharges



*Notes:*

OBS LOS = observed postoperative length of stay

PRED LOS = predicted postoperative length of stay

Average = mean risk-adjusted postoperative length of stay for cases with normal postoperative lengths of stay

3 Sigma = three-sigma upper bound for normal postoperative length of stay

Normal LOS = cases for which OBS LOS minus PRED LOS is less than the three-sigma upper bound

Long LOS w Cpl = cases for which OBS LOS minus PRED LOS exceeds the three-sigma upper bound and at least one secondary diagnosis is coded as hospital-acquired

Long LOS w/o Cpl = cases for which OBS LOS minus PRED LOS exceeds the three-sigma upper bound and no secondary diagnosis is designated as hospital-acquired