The National Surgery Quality Improvement Program (NSQIP), which began in the Veterans Affairs’ hospital in 1991, was "the first national, validated, outcome-based, risk-adjusted, and peer-controlled" database for use in measuring and enhancing surgical quality. The NSQIP was subsequently adopted by the private sector given the potential for the availability of widespread outcomes data to be used for quality improvement. In this thoughtful manuscript, Dr. Rocco et al use the NSQIP database to examine “The Rule of “W” in Urology,” a rule-concerning temporal association of postoperative complications. The authors are to be commended for challenging surgical dictum and dogma through proper study rigor by comparing 30-day morbidity in 60,000 urology patients with 450,000 general surgery patients. A thoughtful description of the complications, not only from a rate perspective, but also from a time perspective is given. The data provide insight on proper differential diagnosis in evaluation of postoperative patient issues during and beyond the hospital encounter. Additionally, the data also show “a one-size-fits-all” approach to postsurgical patients is inappropriate as the timing and frequency of complications differed between the 2 groups. This manuscript is meaningful for, not only attending academic physicians and private practitioners, but also for residents or other providers seeing these patients in the postoperative setting.

Furthermore, complications are profoundly expensive with estimates of $6,000,000 annually for academic institutions. Moreover, complications in Partial Nephrectomy, a NSQIP-included procedure, were found to increase cost by $3700 per case with certain morbidities increasing cost by over $30,000. Complications decrease value from both the cost and outcomes perspectives. As we continue to move toward value-based reimbursement, the effect of complications on value will only become more apparent. Proper and timely identification of complications have the potential to mitigate associated decrease in value, and likely represents an appropriate quality improvement focus.

Andrew M. Harris, University of Kentucky Medical Center, Lexington, KY

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