## Section A: Research Design Does the study consider that it can only detect disease conditions, procedures, and

diagnostic tests in hospital settings?\* Methods Does the study acknowledge that it includes encounters, not individual patients?\* Limitations DI Does the study avoid diagnosis/procedure-specific volume assessments for units that are

not a part of the sampling frame of the NIS, and are therefore not representatively sampled, including Yes, we are not including any volume based analysis.

healthcare facilities (after 2011) b)

geographic units, like U.S. states

individual healthcare providers?

## Section B: Data interpretation

Does the study attempt to identify disease conditions or procedures of interest using

administrative codes or their combinations that have been previously validated?\*
We have utilized the same ICD-9 codes mentioned in previous publications on the topic; however, apart from PPV reported in a study, there is limited data available on the validity of the administrative codes, therefore, readers should interpret findings with caution until validated by future studies.

Does the study limit its assessment to only in-hospital outcomes, rather than those

occurring after discharge?\* Methods/Results Does the study distinguish complications from comorbidities or clearly note where it

cannot?\* Methods

Section C: Data Analysis Does the study clearly account for the survey design of the NIS and its components -

clustering, stratification, and weighting?\* Methods Does the study adequately address changes in data structure over time (for trend

analyses)?\* Methods. Yes, discharge weights were used for the trends analysis. \*Fields marked with asterisk may specifically be included as a checklist in published studies