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Keep Your Eye on the Bundle: Nurse Leaders' Impact on CAUTI and CLASBI Rates

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Background

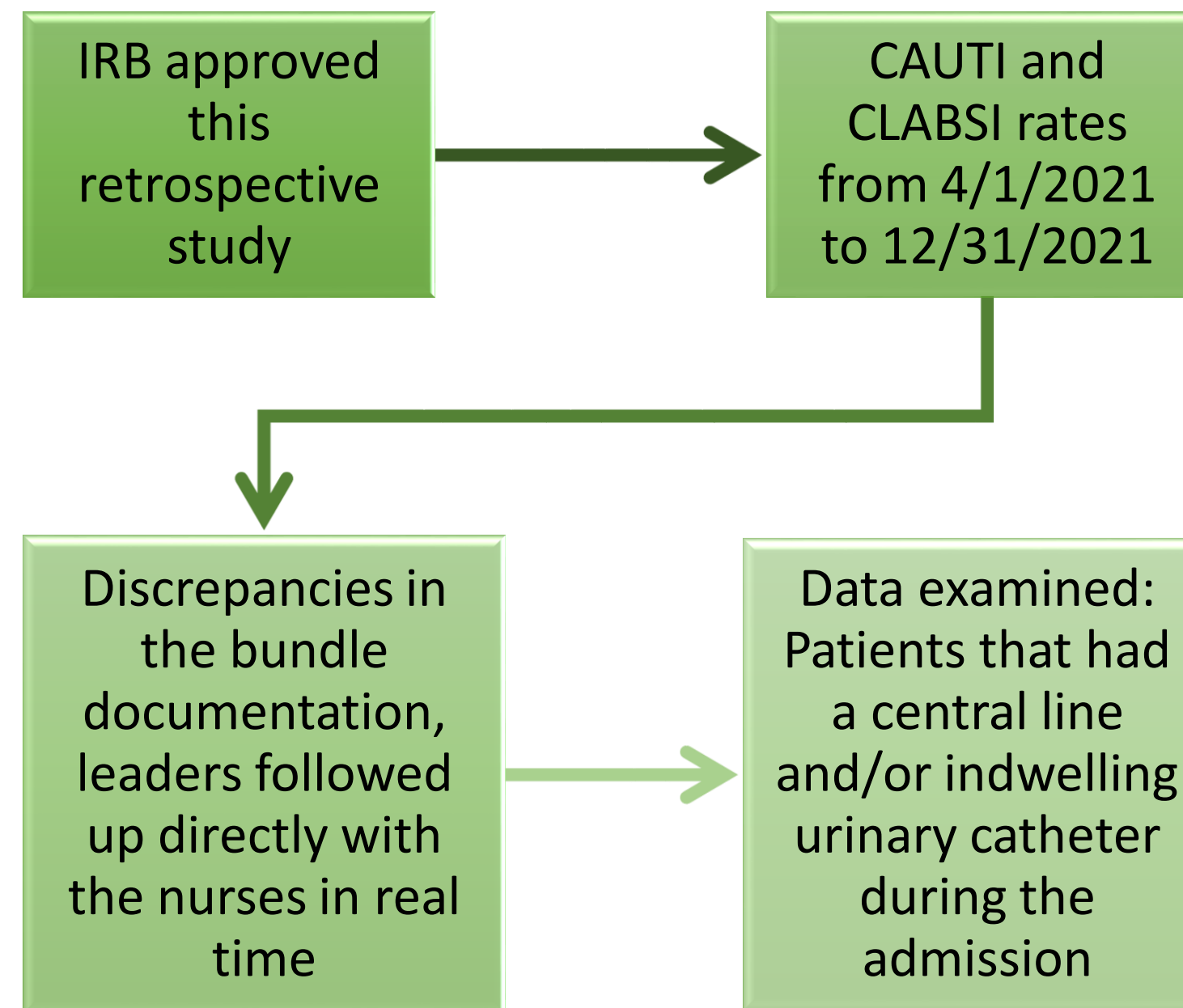
- In 2020, after COVID-19 reached the United States, hospitals saw increases in central line associated blood stream infection (CLABSI) and catheter associated urinary tract infection (CAUTI) rates as high as nearly 50% and 20% respectively in some areas during surges. Our hospital was no exception to this trend.
- West Kendall Baptist Hospital (WKBH) decided it was time to return back to basics to ensure the practices in place for infection prevention were being carried out as intended.

Study Purpose

The overall purpose of this retrospective study was to explore the impact of daily oversight by nursing leadership on the compliance of the bundle documentation on CAUTIs and CLABSIs in the electronic health record.



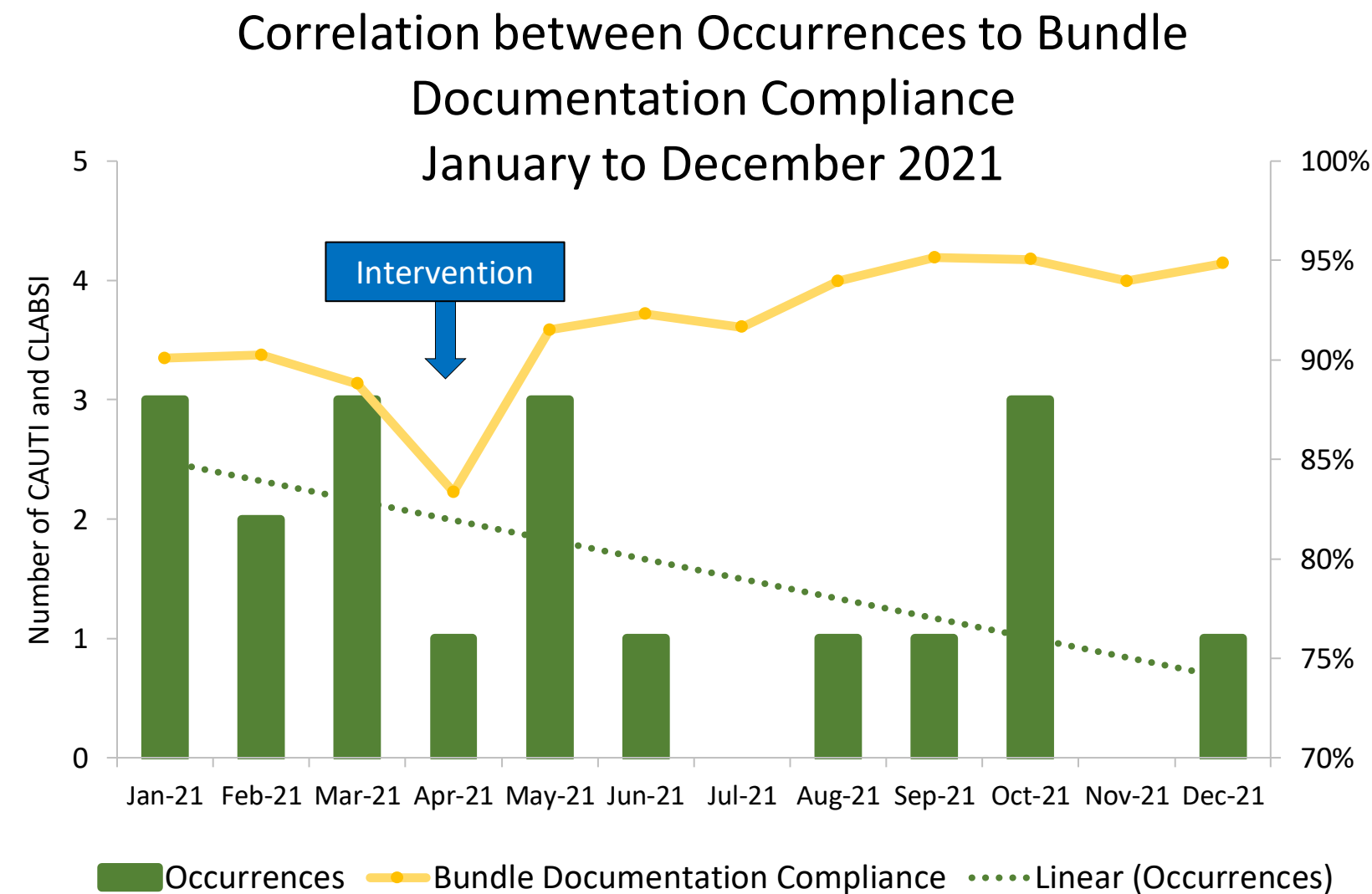
Methods



Results

- The percent compliance with CLABSI documentation averaged of 85.7% from January to March 2021 and increased to an average of 90.6% from April to December 2021.
- The percent compliance with CAUTI documentation averaged of 93.7% from January to March 2021 and increased to an average of 94.2% from April to December 2021.
- Additionally, simple linear regression proved that a higher level of compliance supported a reduction in CAUTI and CLABSI rates.

Results



Discussion

This study validated the positive impact nurse leaders can have on reducing CAUTI and CLABSI rates and bridged the gap connecting the importance of validating hardwired processes with intentional oversight and support from hospital leadership.

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