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# General Surgery Residency and Emergency General Surgery Service Reduces Readmission Rates and Length of Stay in Non-Operative Small Bowel Obstruction

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Southeastern Surgical Congress

2020 Annual Scientific Meeting

February 7 – 10, 2020

New Orleans, LA

Sheraton New Orleans Hotel

Disclosure Statement of Financial Interest

Nothing To Disclose.



## Background

- Recent shift towards initial non-operative management for most adhesive small bowel obstructions (ASBO)
- Additional data suggests that patients fare better when admitted to surgical service
- Simultaneous development of the Emergency General Surgery (EGS) model

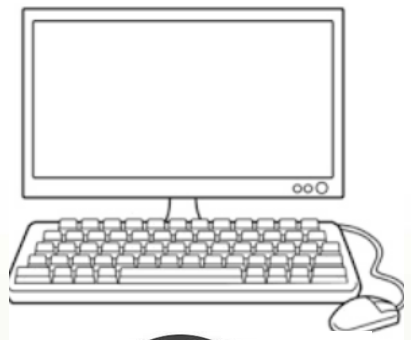
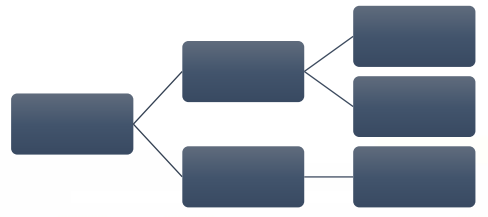


**828**  
Area Code Map



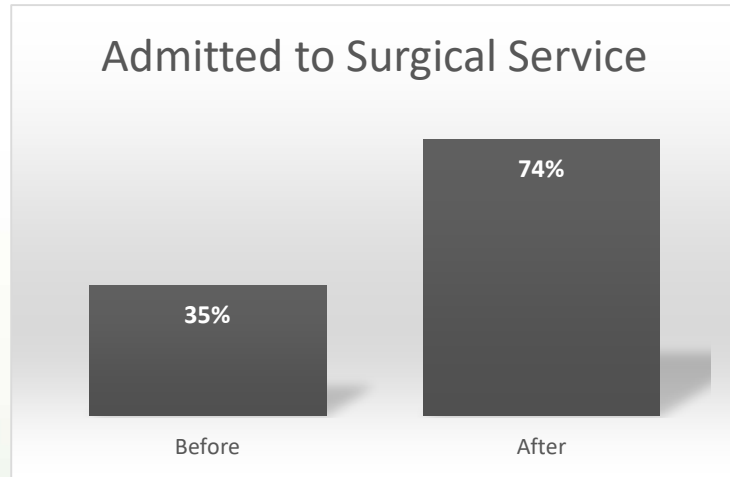


# Methods





## Results



Length of Stay 0.77 days (p = 0.016)  
Average Direct Total Cost 24% (p = 0.002)  
30-Day Readmissions 35.7% (p = 0.046)



In-Hospital Mortality Unchanged



ICU Admissions 0.57% to 2.67% (p = 0.04)



## Discussion

- Significant improvement in patient outcomes attributable to:
  - Surgical Service Admission
  - Protocol Driven Management
  - **Resident Presence**





## Areas for Future Research

- Operative cohort
- Other common EGS problems
- 2021/First Chief Resident Data
- Resident level data





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### Small Bowel Obstruction CPM Algorithm

