

Sepsis Where You Least Expect It

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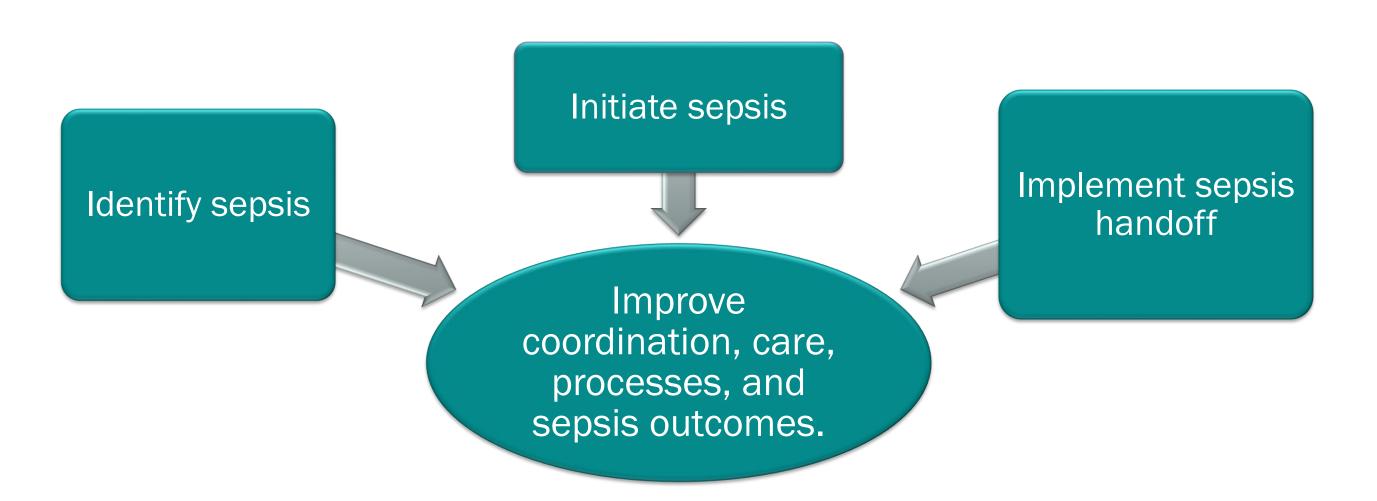
Background/Introduction

- About 85% of sepsis cases at Houston Methodist West Hospital are diagnosed and treated in the emergency department.
- The perioperative services do not see a high volume of sepsis cases.
- Sepsis is often not recognized within the perioperative because pain, anxiety, and other conditions mimic sepsis and staff nurses' lack of awareness of its symptoms.
- Several cases that failed the CMS SEP-1 measure happened during the perioperative period of the patient's visit.

Given the variable presentation and multiorgan involvement of sepsis, the syndrme often goes unrecognized until late in its course (Bronshteyn, Lemm, Malinzak, Ghadimi, & Udani, 2017).

These delays in diagnosis and treatment have negative consequences for patients (Bronshteyn, Lemm, Malinzak, Ghadimi, & Udani, 2017).

Purpose/Objectives/Hypothesis



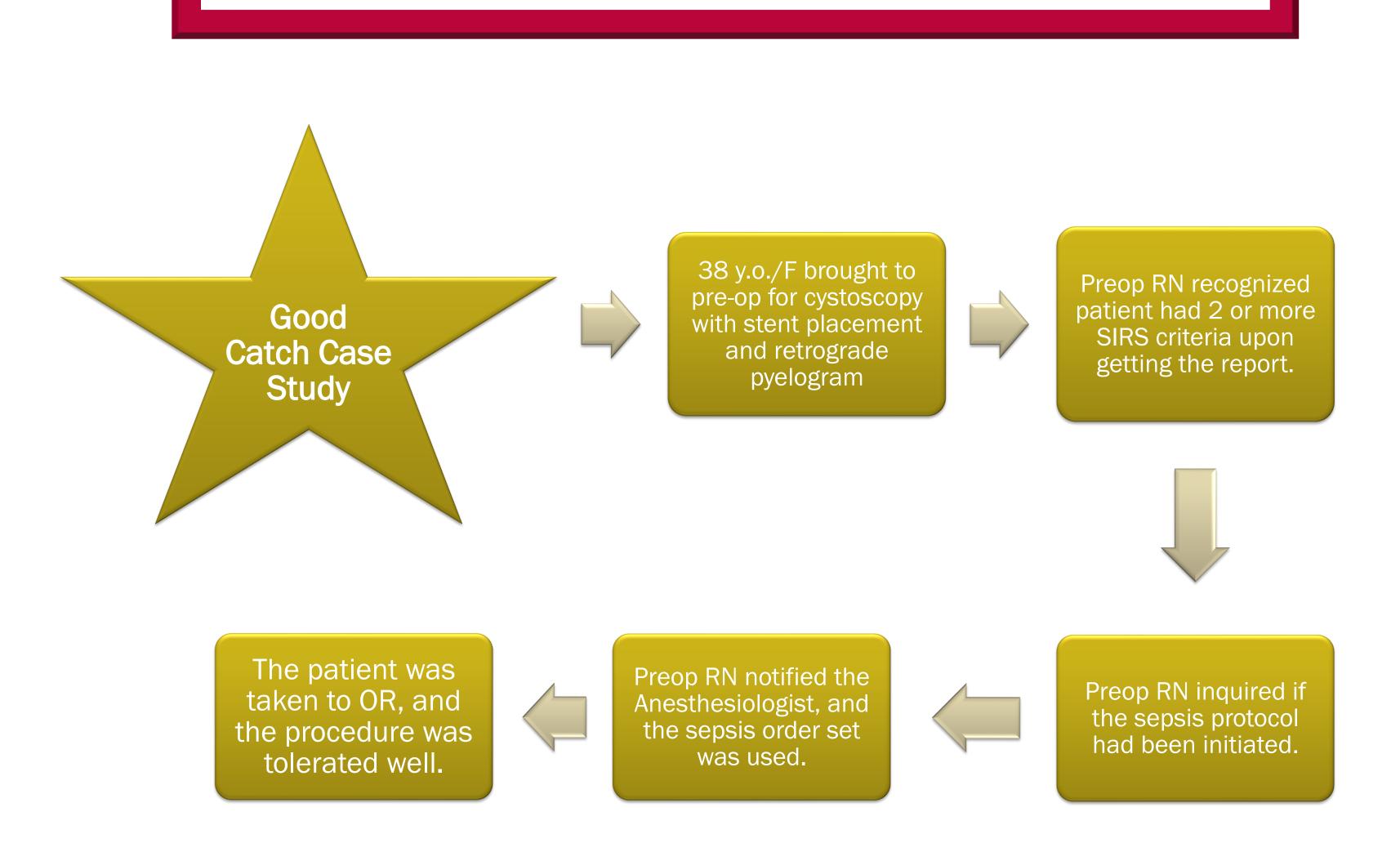
Methods

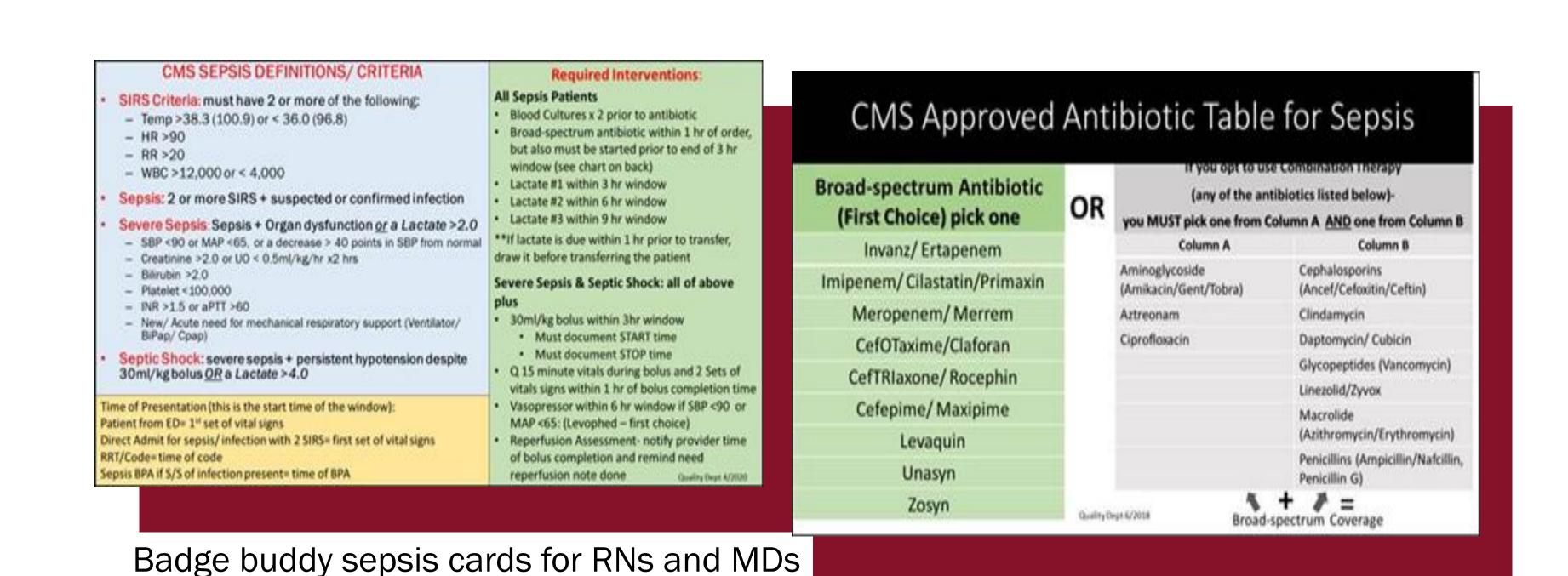
- Phase 1
- Adding frontline representatives to Sepsis committee
- Educating staff
- Enhancing communication
- Utilizing Sepsis checklist
- Phase 2
- Utilizing sepsis screening tool
- Incorporating sepsis into handoff

Phase 3

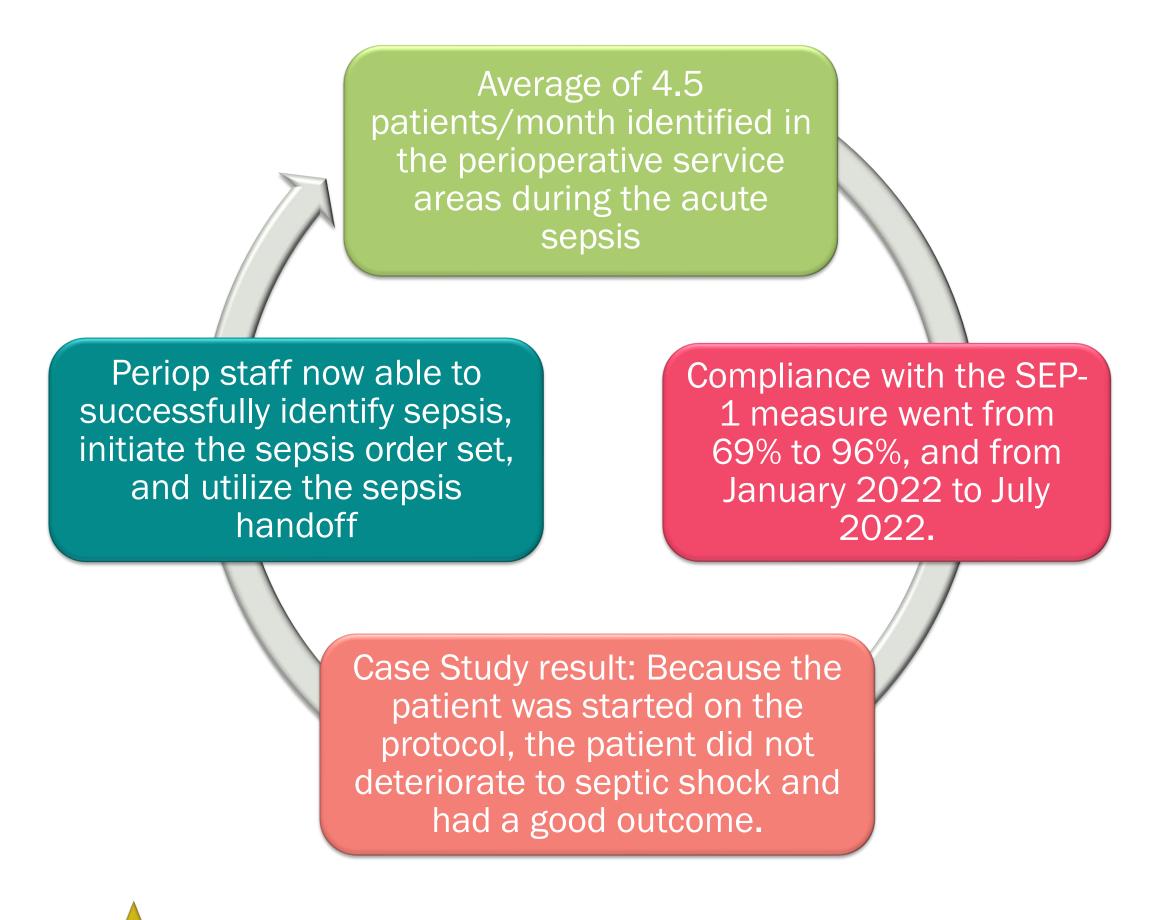
 Share data and outcomes with staff via perioperative electronic communication board

HMW PERIOPERATIVE SEPSIS COMPLIANCE WITH SEP-1 MEASURE AUGUST 2020 TO JULY 2022 100% 90% 80% 70% 40% 30% 100% AUG SEP CCT NOV DEC JAN FEB MAR APR MAY JUNE JULYAUGUST SEP DCT NOV DEC JAN FEB MAR APR MAY JUNE JULY





Results/Implications



Future Actions

Good Catches have been made in the AOD, OR,

Continue to educate staff

and PACU.

- Regularly present data and outcomes
- Increase utilization of sepsis order set and interventions

Acknowledgments

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HMW Perioperative Services

Reference

Bronshteyn, Y. S., Lemm, J., Malinzak, E., Ghadimi, N., & Udani, A. D. (2017). Sepsis in the Operating Room: A Simulation Case for Perioperative Providers. MedEdPORTAL: the journal of teaching and learning resources, 13, 10563. https://doi.org/10.15766/mep_2374-8265.10563