

Ohio Hospital Association

Executive Sponsorship of Sepsis Improvement Initiatives

Presenter: Michael R Uhl, MSN, MBA, RN, CEN, FACHE
President, Atrium Medical Center

Introduction



Michael R Uhl, MSN, MBA, RN, CEN, FACHE

President, Atrium Medical Center

- ❑ Registered Nurse with over 20 years of healthcare experience, in both acute hospitals and healthcare system environments.
- ❑ Consulted with healthcare organizations across the country on strategic financial and operational enhancements to improve both clinical and financial outcomes.
- ❑ Primary areas of expertise include innovative strategy development, hospital operational and financial improvements, process redesign, predictive modeling, and lean/six sigma applications in the healthcare setting.


Serves as the president for Atrium Medical Center, part of Premier Health.




FOUNDED IN 1917, ATRIUM MEDICAL CENTER IS A FULL-SERVICE, ACUTE CARE HOSPITAL WITH A LEVEL III TRAUMA CENTER CONVENIENTLY LOCATED OFF I-75 IN MIDDLETOWN, OHIO

Atrium is a member of Premier Health.


SERVICES



Accredited chest pain center with advanced cardiovascular services, including interventional cardiology and electrophysiology, and featuring the left atrial appendage closure procedure


Comprehensive community cancer center program, with access to clinical trials



Verified Level III emergency trauma center from the American College of Surgeons, which features a Senior Emergency Center and inpatient behavioral health services



Women's Center with breast cancer care accreditation and DEXA bone density scans; physical therapy for pelvic floor disorders


Family Birth Center with Level II special care nursery and Natural Beginnings Birth Center with midwifery, water birth and childbirth education services


Advanced primary stroke center certification from The Joint Commission


Inpatient and outpatient surgical services, including minimally invasive, robotic surgery options


Wound Care and Hyperbaric Services, with specialized treatment such as hyperbaric oxygen for chronic wounds


Sports medicine, physical therapy and aquatic therapy, in addition to inpatient and outpatient rehabilitation services

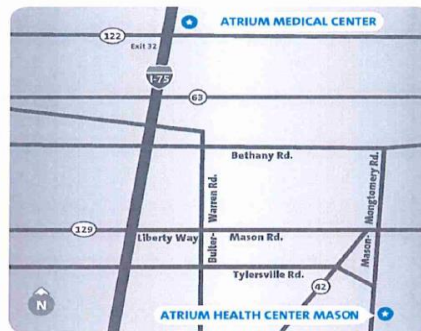


KEY FACTS – 2016

Licensed Beds	328
Physicians	425
Physician Specialties	55
Employees	1,499
Volunteers	263
Admissions and Observations	12,921
Outpatient Visits	183,603
ER Visits	57,578

KEY PHONE NUMBERS

Information	(513) 974-2111
Patient Experience	(513) 974-5072
Job Search	(513) 974-5255
Physician Referral	(866) 608-FIND



GO TO OUR WEBSITE, [ATRIUMMEDCENTER.ORG](http://atriummedcenter.org), TO VIEW OUR LATEST RECOGNITIONS AND ACCREDITATIONS. FURTHER EXPLORE THE LATEST COMMUNITY SERVICE PROJECTS AND HEALTH EVENTS THAT WE OFFER.

MISSION

WE WILL IMPROVE THE HEALTH OF THE COMMUNITIES WE SERVE WITH OTHERS WHO SHARE OUR COMMITMENT TO PROVIDE HIGH-QUALITY, COST-COMPETITIVE HEALTH CARE SERVICES.

Objectives for Session

Provide an overview of executive level engagement to sepsis management improvement

Provide a program construct for sepsis program management

Provide awareness of initiatives sponsored from an executive level to improve sepsis management

Sepsis Facts

Driving a Call to Action

-
- **SEPSIS IS THE LEADING CAUSE OF DEATH IN U.S. HOSPITALS**
- **SEPSIS READMISSIONS COST > \$2 BILLION/YEAR**
- **258,000 PEOPLE DIE FROM SEPSIS EVERY YEAR IN THE US**
- **SEPSIS COSTS HOSPITALS > \$24 BILLION EACH YEAR**

Things We Identified

Increased need for formal means of sharing education/updates with physicians

Focused education to meet the needs of multiple clinical disciplines

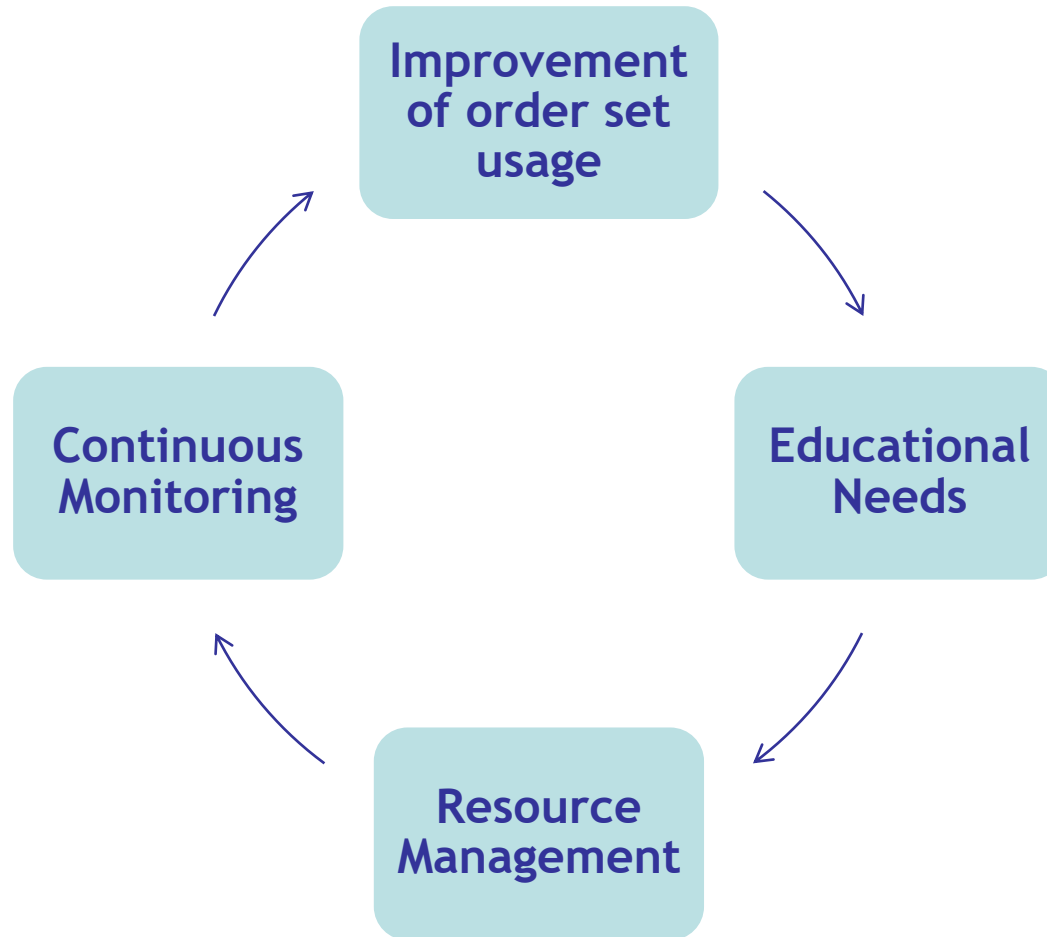
Need for ongoing training and education



Initiated to Address Sepsis Crisis

- Quality Case Review
- Sepsis Crisis Process Map
- Initiated Monthly Quality Sepsis Meetings to educate/update physicians and develop Action Plan
- Educated physicians on their role as “Sepsis Ambassadors”
- Developed “Sepsis Awareness Program”
- Formed a Sepsis Crisis Committee that includes hospital unit educators and bedside nurse serving as “Sepsis Champion”

Challenges Addressed



Additional Initiatives

- Additional Sepsis Crisis Committee (SCC)
Education regarding:
 - Sepsis Pathophysiology
 - Sepsis Core Measures
 - Binders and Sepsis Awareness Pins
- Continued physician education, adding AO to Sepsis Crisis Committee, initiating ACT calls for Focused Exam requirement during off hours
- Began Sepsis BPA (Best Practice Alert) monitoring
- Quality Sepsis Fallout meeting

Ongoing Initiatives

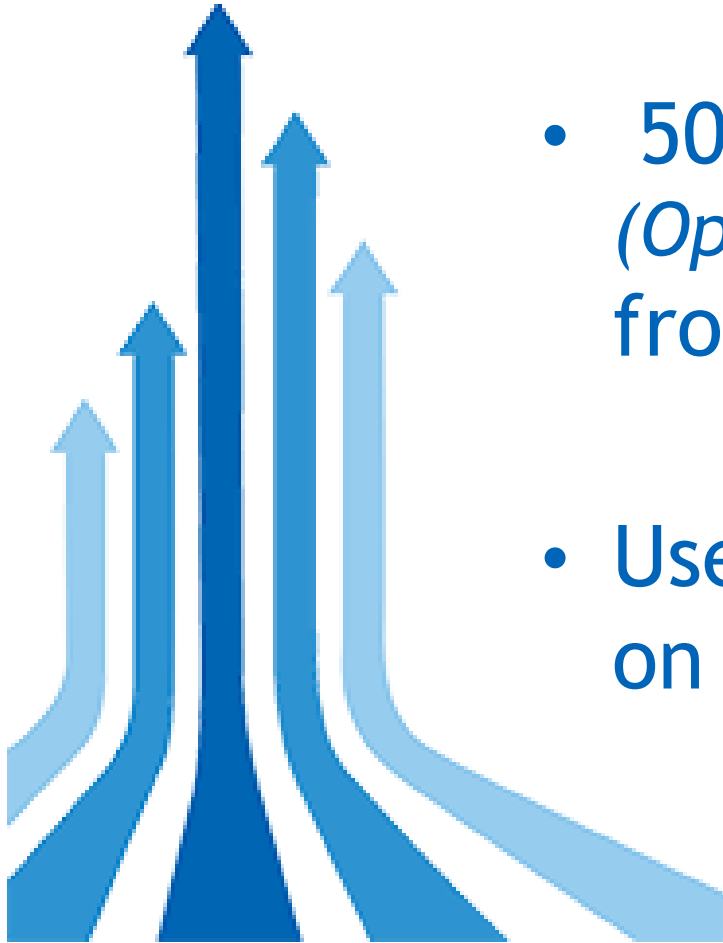
Unit Educators and Sepsis Champions began “One on one” BPA education

Sepsis BPA Monitoring and one-on-one education continued

Pharmacy Education - “Antibiotics used in Sepsis”

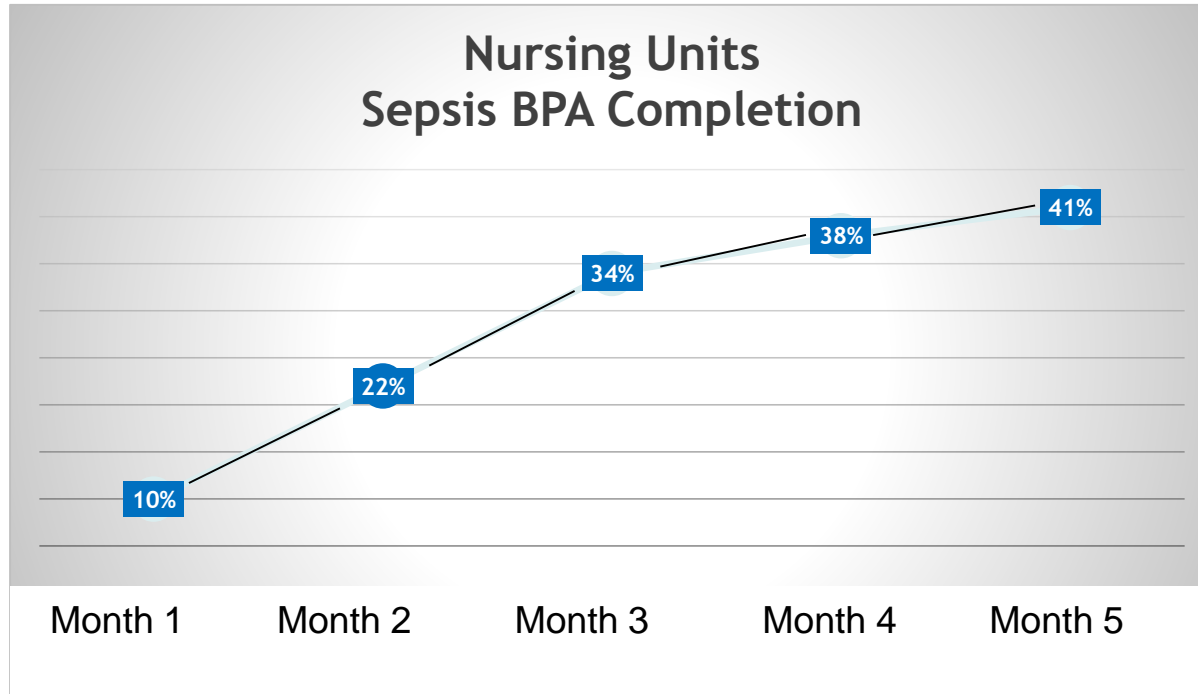
Bi-monthly meetings continued

Improvements



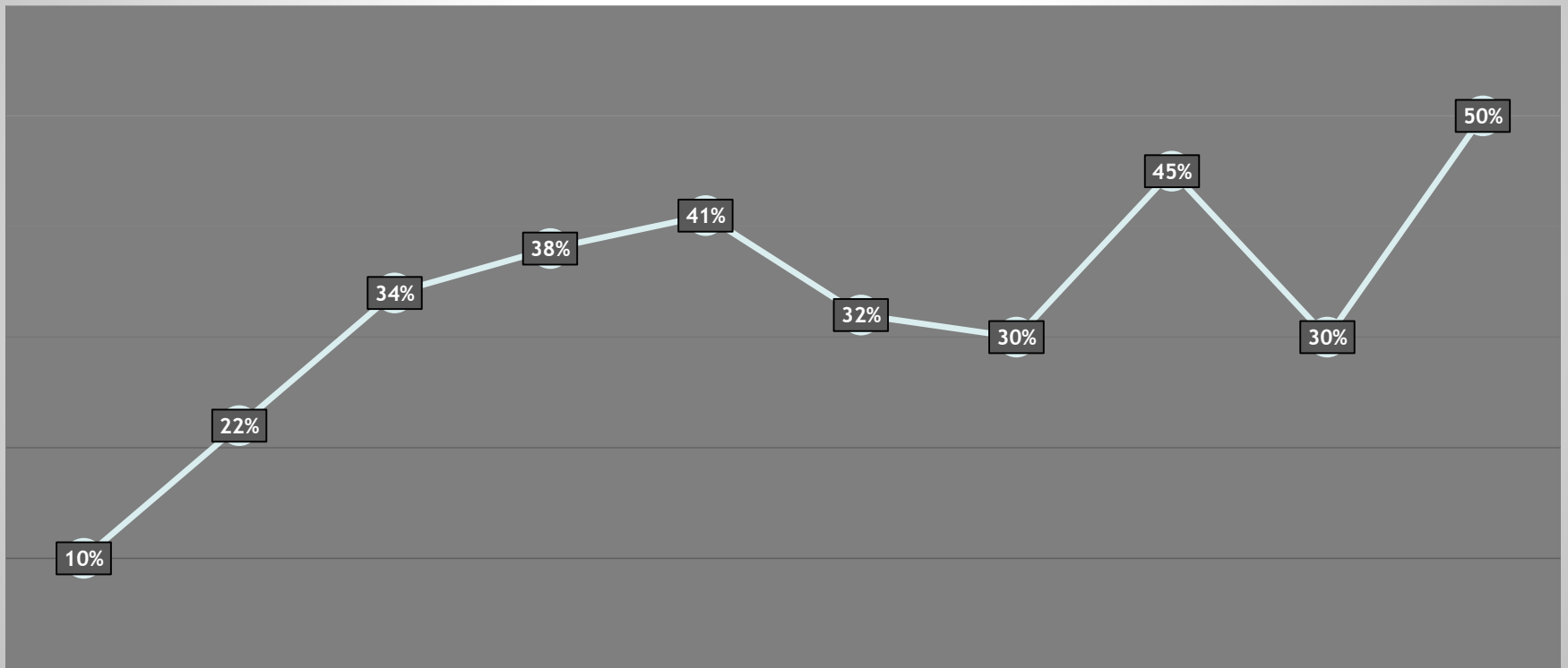
- 50% reduction in OFIs
(*Opportunity for Improvement*)
from 1st to 2nd Q.
- Use of order sets improved
on mortality patients.

Improvements in BPA Completion



Moving Forward

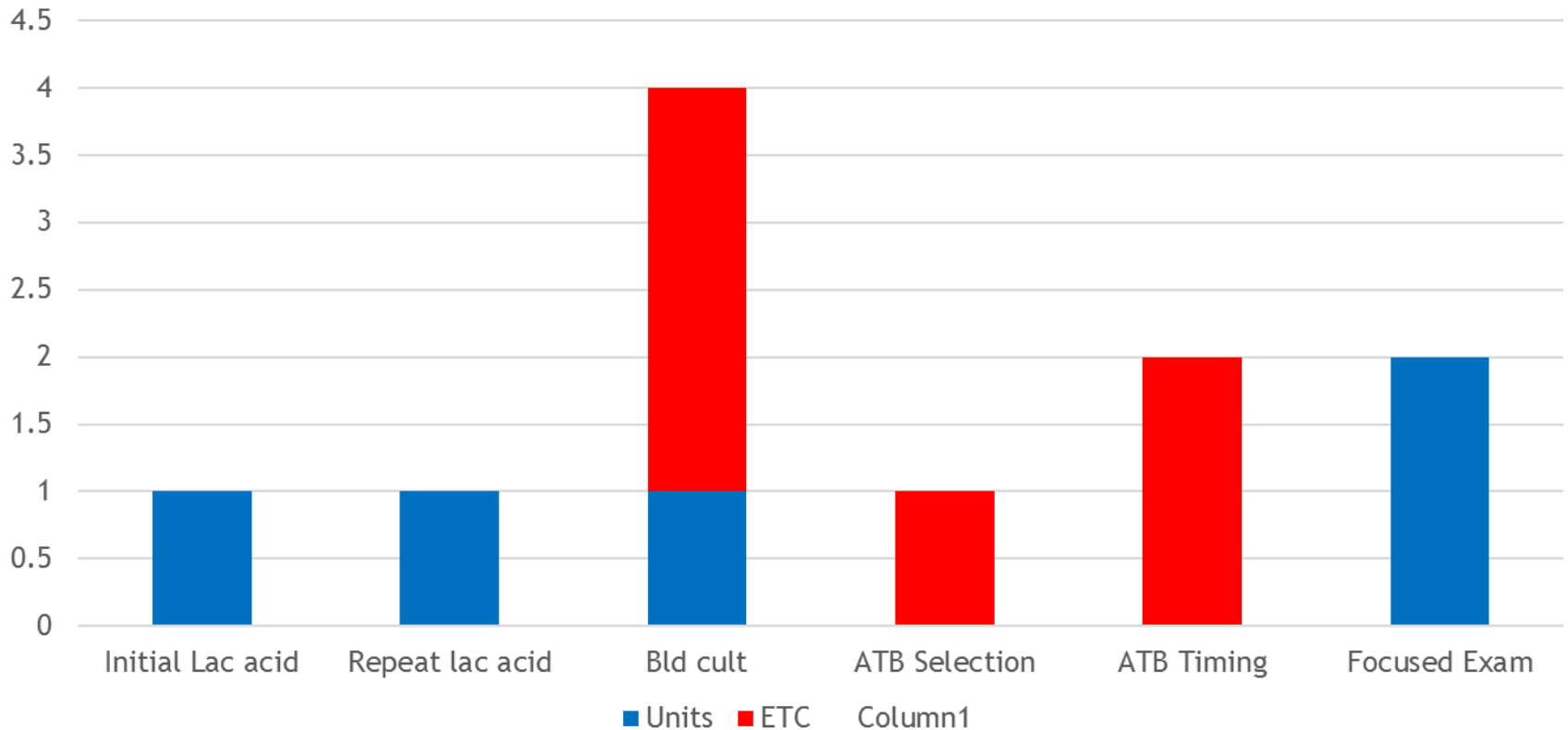
Sepsis BPA Completion
Inpatient Units



ETC / Units Sepsis Fall outs

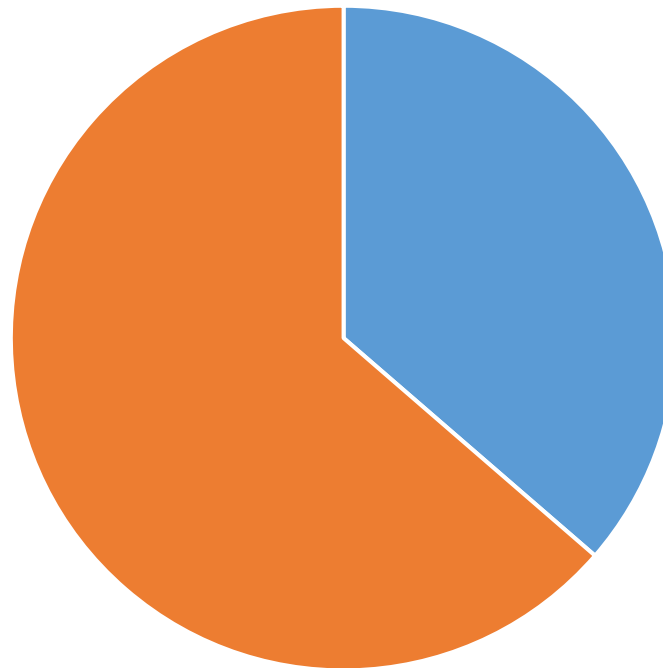
2nd Q 2018

Sepsis Fallouts



2nd Q fall outs Sepsis Order Set Used

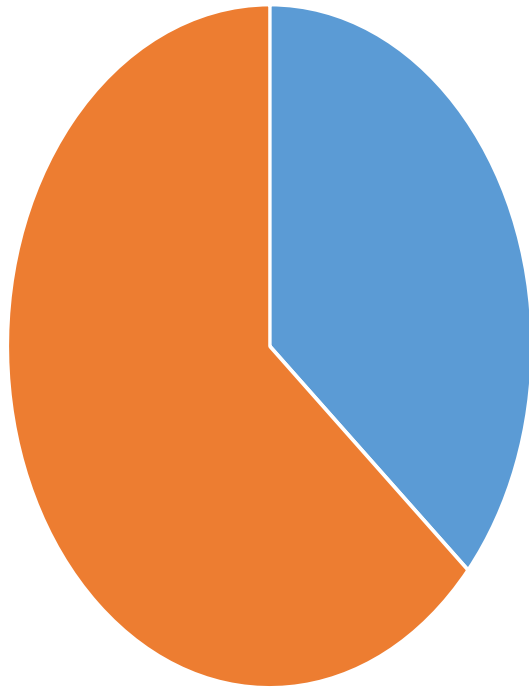
Sepsis Order Set Used



■ Yes ■ No ■ ■

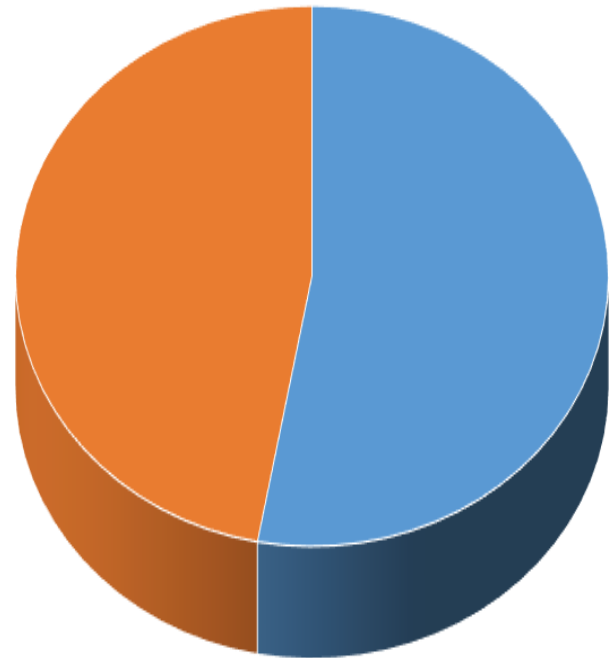
Order sets usage for fall outs compared to Mortality

Sepsis Order Set Used



■ Yes ■ No ■ ■

Sepsis Mortality Orderset Usage



■ Yes ■ No ■ ■

Questions