

Knox Community Hospital Sepsis Program

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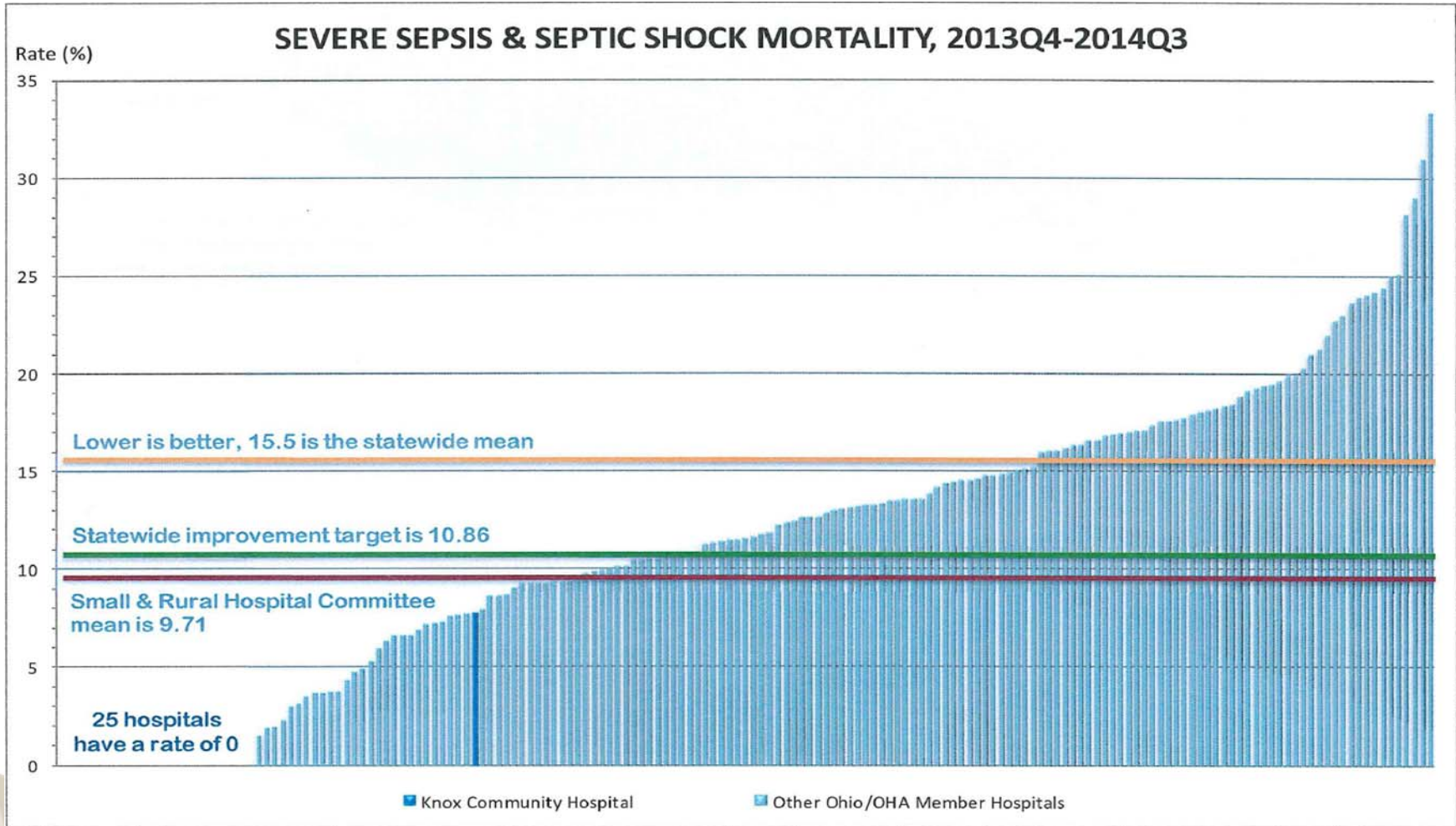
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Knox Community Hospital

A community-owned, 99-bed, not-for-profit hospital located in Mount Vernon, Ohio (approximately 40 miles north east of Columbus). Knox Community Hospital is accredited by The Joint Commission.



OHA Data for KCH



Slow Challenging Start

- No early recognition
- No ED protocol
- Established sepsis order sets ~ outdated
- Lack of a physician champion
- Nurses needed education on evidence-based practice for care of the patient with sepsis
- First protocol addresses only patients entering through the ED

Full Momentum with a Motivated Team Sepsis Committee

- ED
- ED physician champion
- ICU
- Hospitalist champion
- Quality
- Pharmacy
- Lab
- Diagnostic Imaging
- Respiratory Therapy
- Information Systems
~ CPOE & Data Extraction

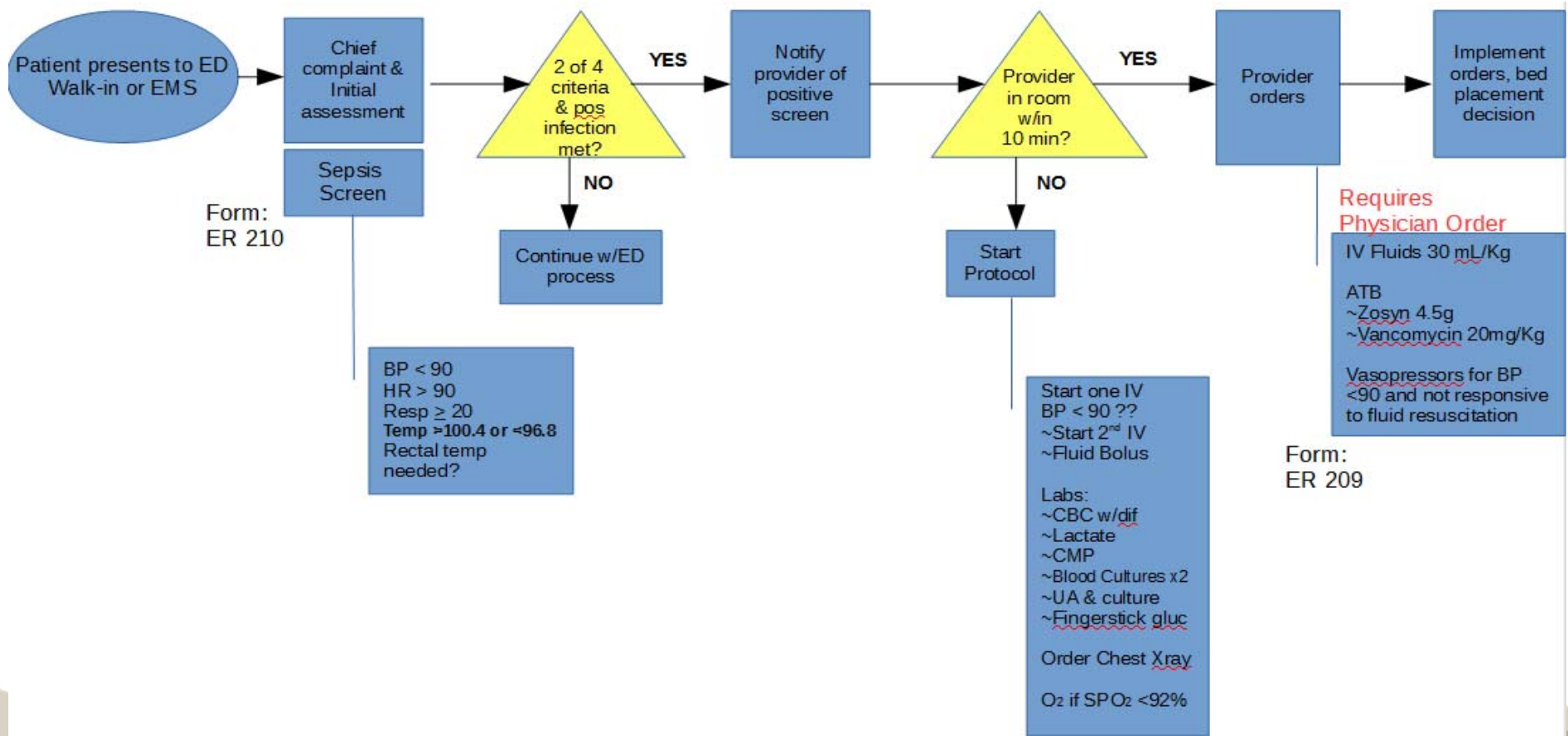
Surviving Sepsis Guidelines and SCCM Guidelines for the protocol

The Work Was Swift and Much Was Accomplished

- Order sets for 0-3 hours (ED) & 3-6 hours (ICU)
- ED Protocol
- ICU Protocol
- ED & ICU staff specific education
- Hospital-wide education
- Physician Education

The Work Was Swift and Much Was Accomplished

ED Process



Planning and Preparation

- Sepsis drill
 - “Sepsis Alert” to “Code Sepsis”
 - Availability of staff to respond
 - Audibility of overhead pages
- Inconsistency of physicians calling “Code Sepsis”
- Physician consensus/collaboration regarding order sets
- Lactate turn around time
- Early Recognition criteria

Current State

- Weekly team meetings to review and analyze severe septic patient charts and develop process improvement strategies
- Sepsis Quality Review form
 - Utilize Core measure criteria for improvements
- OHA Sepsis Partnership
- In-house abstractor concurrently reviews all severe septic patient charts

Early Successes

- Physician and staff engagement
- Rapid process from development to implementation
 - Team worked well together
- Positive reinforcement as evidenced by successful outcome for patient(s)
- Recognized need for frequent quality review
- Rapid response from Pharmacy, Lab, RT

Moving Forward

- Utilize data to develop performance improvement measures
- Debrief with nursing staff from quality review
- Timely follow up and feedback with staff & physicians
- Collaborate with lab to improved Lactate turn around times
- Develop early recognition protocols for inpatient units

Moving Forward

- Sepsis cases will be reviewed by appropriate Medical Staff Committees
- Continued participation in OHA Sepsis Collaborative

Questions?