

Introducing Practice-Based Learning CME: *Kansas Sepsis Project*

CME INFO/ACCREDITATION

The KU Medical Center Office of Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The KU Medical Center Office of Continuing Medical Education designates this educational activity for a maximum of 20 *AMA PRA Category 1 Credit(s)*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Why Participate in Performance Improvement Activities:

Performance Improvement CME facilitates a closer relationship with you and the patient with Quality Improvement and CME. It allows you to earn CME credits directly from your practice, where the CME is most relevant to you personally. Performance Improvement CME is a way for you to begin preparing for Maintenance of Certification (MOC).

Performance Improvement Stages Identified by the American Medical Association:

Stage A: Learning from current practice performance assessment: Assess current practice using identified performance measures, either through chart reviews or some other appropriate mechanism. Participating physicians should be actively involved in data collection and analysis (**5 credits.**) Details of this step for the Kansas Sepsis Project are given below.

Stage B: Learning from the application of PI to patient care: Implement an intervention based on the performance measures selected in Stage A, using suitable tracking tools. Participating physicians should receive guidance on appropriate parameters for applying an intervention and assessing performance change, specific to the performance measure and the physician's patient base (e.g. how many patients with a given condition, seen for how long, will produce a valid assessment?). (**5 credits.**)

Stage C: Learning from the evaluation of the PI effort: Re-evaluate and reflect on performance in practice (Stage B), by comparing to the assessment done in stage A. Summarize any practice, process and/or outcome changes that resulted from conducting the PI activity. **(5 credits.)**

Five (5) AMA PRA Category 1 Credits can be awarded for the completion of each of the three stages (A, B, and C). Completion of the full PI cycle is not required. Physicians completing, in sequence, all three stages (A-C) of a structured PI activity may receive an additional five (5) AMA PRA Category 1 Credits, for a maximum of twenty (20) AMA PRA Category 1 Credits.

Kansas Sepsis Project - Performance Improvement Requirements for Identification and Treatment of Severe Sepsis

Stage A Requirements: 5 credits earned

- The physician (or person entering the data) will use the screener and if applicable the tracker to review the most recent 6 month period to identify and characterize at least 10 patients admitted to the hospital with infections (6 months worth or 10 patients, whichever is smaller). After characterizing 10 patients the physician will review the data to determine if a) severe sepsis was diagnosed when it would have been possible to make the diagnosis, i.e. did they write "severe sepsis" as a diagnosis in the chart, and b) among those patients that could be classified as having severe sepsis based on the chart review, determine if appropriate treatment was given, regardless of whether the patient was correctly diagnosed, or not. Finally, the patient outcome should be assessed, i.e. whether the patient survived to discharge and where they were discharged to. The tools provided by the KSP/MWCCC will guide either the doctor or the nurse who is extracting data from the charts to determine whether appropriate treatments were given, or not. Physicians submit summary data from the 10 patients for the first 5 CME credits.

Stage B Requirements: 5 credits earned

- Physicians determine what they need to do differently, design an action plan, and then submit action plan. Physicians submit action plan prior to implementation and discuss plan with Dr. Simpson or Dr. Pitts. The purpose of the discussion is to help physicians to pick aspects of care that will improve patient outcome. Participants next collect the data for 6 months on a new set of patients with infections (6 months or 20 patients, whichever comes first). After collecting the data, physicians submit it for an additional 5 credits.

Stage C Requirements: 5 credits earned

- After completing Stage B, physicians compare results from Stage A and Stage B and submit a summary to CME office. Physicians also complete the performance questionnaire and submit. After submitting stage C evaluation and the performance questionnaire physicians receive 5 additional credits.



You must enroll in Stage A initially. Each stage completed earns 5 credits. Physicians completing, in sequence, all three Stages (A-C) may receive an additional five (5) credits for a total of 20 AMA PRA Category 1 credits™.

All credits will be awarded at the end of stage C. Any participant who discontinues involvement in the CME Performance Improvement project needs to request credit from the KUMC office of Continuing Medical Education for the stages that were completed.

Repeat

We recommend that participants repeat the entire process for an additional 20 hours of CME credit. However, this time, the patient information that was gathered over the previous 6 months can be used to form the baseline data. Invariably, one finds aspects of care in which they could improve, even when they have made efforts to change their approach and practices. By repeating the process, participants can earn up to 40 hours of CME without leaving home, and while simultaneously improving both the care they provide to their patients and their patients' well-being.