A Cost- Effectiveness Analysis and Quality Improvement (CEA&QI) Class

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RATIONALE/NEED

There is an urgent need to improve health care quality and to curb costs of care. Care providers need cost-effectiveness analysis (CEA), quality improvement (QI) and systems thinking competencies.

COURSE OBJECTIVES

Upon completion of the course students will be able to: Define QI and CEA components, resources and processes;

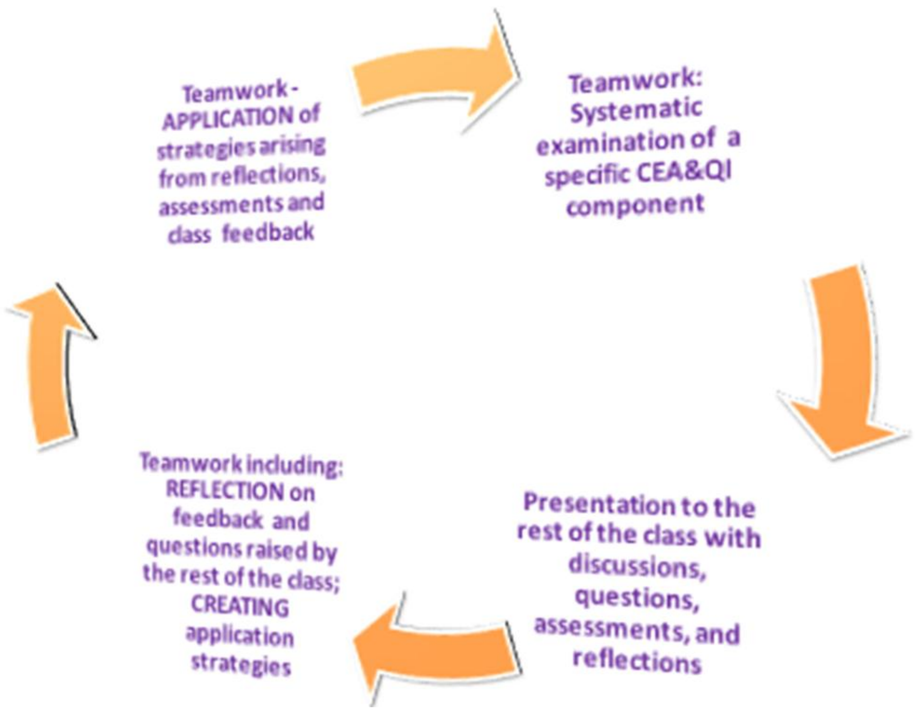
Define a QI problem as a CEA problem;

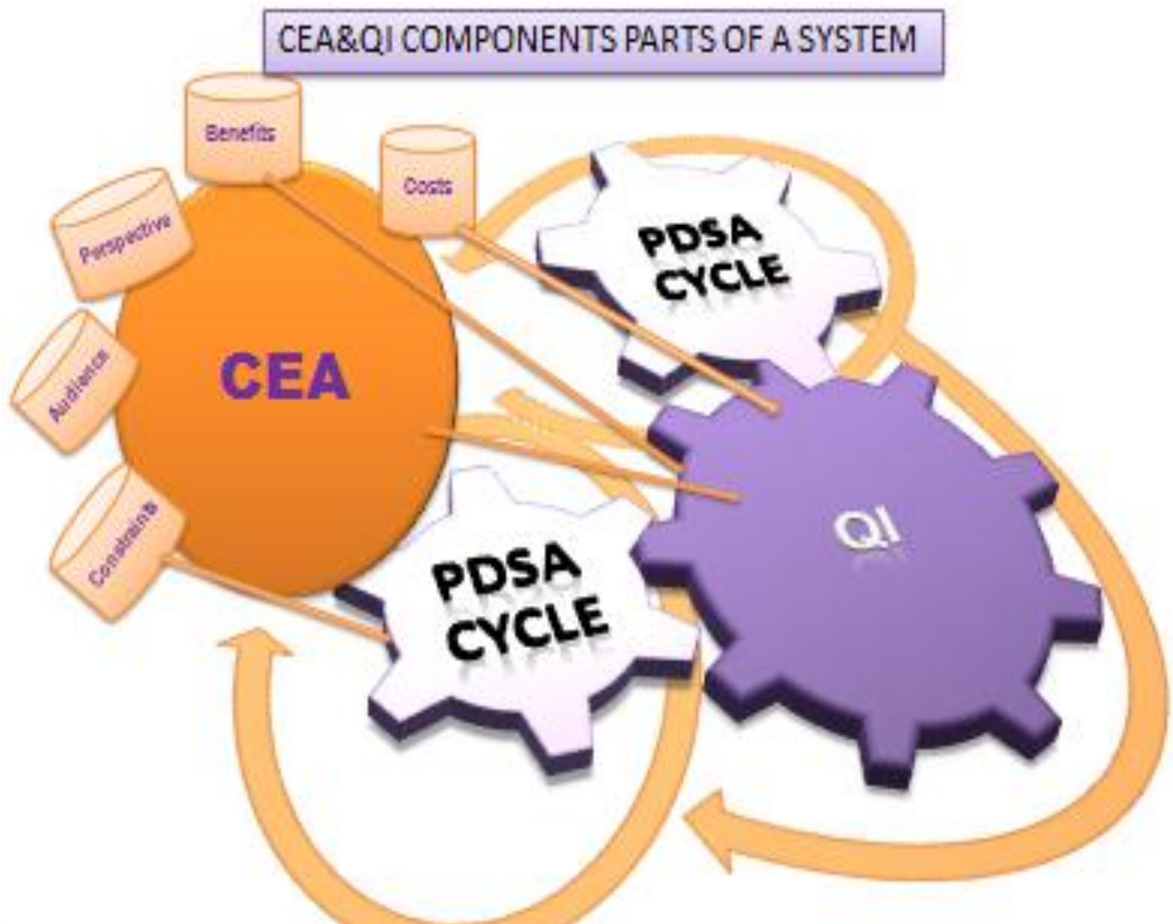
Formulate measurement tools for CEA&QI;

Formulate CEA&QI analysis processes/steps;

Plan a practical CEA&QI project

CYCLICAL LEARNING PROCESS





Benefit & costs move PDSA gears and PDSA cycles also provide information about costs benefits of QI

CLASS DESCRIPTION

Instructional Strategies:

Experiential learning (case study), reflection, synthesis, assessment, and application

Phase 1 – theory

Students will attain a grasp of CEA&QI frameworks, and processes.

Phase 2 - application

Case study of a rural health center in a medically underserved area - facilitating practical application of the CEA&QI skills in decision-making and care provision. The students will experience systematic problem-solving by, first addressing the problem in its components and putting them back together to form a holistic picture of CEA&QI.

ACKNOWLEDGEMENTS

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