Program: <u>Evaluation of Simulation-based Training for Implementation of an Electronic Health Record (Vuk, J. & Anders, M.)</u>
Logic Model

Inputs	Outputs		Outcomes -- Impact		
	Activities	*Participation*	*Short*	*Medium*	*Long*
What do we invest	What we do	Who we reach	Learning	Actions	Conditions –impacts
EPIC EHR	Classroom training	Approx. 1,000 health care providers to be trained by simulation training in Pilot group	Improved attitudes toward EHR	Improved skills in using EHR (surveys, focus groups, interviews)	
Training staff	Designing simulation cases and scripts		Increased self-confidence for using EHR		
Instructional designers	Recruiting and training SPs	• Physicians			
Simulation Center staff		• Nurses			
Standardized patients (SPs)	Buying equipment for simulation	• Scheduling personnel	Increased preparedness to use EHR in patient – centered care	Effective communication with patients and family while using EHR	
Certified trainers	Installing EHR technology & integrative technology	• Other health care professionals			Patient safety increased
Finances		In Pilot group trained approx. 800	Meaningful use (as defined by Medicaid and Medicare Services) for data capturing and sharing	Documenting medication allergies Drug-to-drug interactions e-prescribing Providing tailored educational resources to patients Medication errors decreased compared to baseline	
Evaluation/researchers team	Creating electronic training platform	In "Big Bang" group projected simulation training for 7,000			
Technology	Simulation trainings				
EHR Steering Committee	Development of data collection instruments				
	Focus groups		Implementation of EHR across campus	Adoption rate of EHRs across institution	
	Videotaping & observation of simulation training		Return to normal workflow	Normal workflow achieved	
	Meetings with administrators/evaluat.				

Assumptions
Simulation training will increase preparedness and skills of health care providers to use effecively EHR and return to normal workflow in a short period of time.

External Factors
Scope and complexity of implementation of EHR in a large academic institution will include many contextual factors that might influence outcomes of simulation training.