Academic Forum 2014

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Overview

- Outline Academic/Business Partnership
- Discuss simple to complex usage
- Discuss lessons learned
- Discuss current needs
- Discuss future plans and vision
Academic-Business Partnership

Cerner Corporation
Kansas City, MO

Neal Patterson
Chairman of the Board
Chief Executive Officer
Cerner Corporation

Dean Karen Miller, RN, PhD, FAAN
University of Kansas School of Nursing

University of Kansas School of Nursing
AEHR use From Simple to Complex

- Classroom use exposing case studies using screenshots
- Simple navigation
- Mannequin simulation – as supporting simulation
- Interprofessional high-fidelity simulation
Your patient Jane Whitecloud is a 65 year old Native American Indian with Diabetes. She has been having severe right knee pain for many years. It is limiting her ability to walk over the past 2 years. She has been gaining weight and having more problems controlling her blood sugars.

Like many American Indians, Jane believes in using "white man medicine" to treat "white man's diseases" and she has been seeing Dr. Grey for help with managing her diabetes. However, she was unsure about accepting "white man medicine" to help with her knee pain and immobility. She wants to stay active, lose some weight and control her blood sugars. After much consideration and discussion, she decided to go ahead with surgery.

She is admitted with a diagnosis of Degenerative Joint Disease. She had a total knee replacement this morning by Meredith Grey, M.D.
Utilization of SEEDS for understanding methods and concepts in quality, and informatics
Heart Failure/Quality Learning

Joint Commission Core Heart Failure Performance Measures

- HF-1 Discharge instructions
- HF-2 Assessment of left ventricular function
- HF-3 Use of ACE inhibitors in patients with LVSD
- HF-4 Smoking cessation counseling
Utilization of the AEHR for simulations in testing a collaborative care team
Interprofessional Simulation in Action: Cara Morgan Morgan

Nursing Medicine and Pharmacy Students
Uses with Informatics

• Most of the KUMC interprofessional simulations include informatics students to build or to be involved
Lessons Learned

• We did not process patients records like a real EHR- there are patient records that are current as inpatients with stays of many years
  – Resulting in an unrealistic “looking” system
• Opening more than one patient record at a
Future needs

Exploration-
• Several needs may need more than one solution?
• A system like we have now at KU with the addition of disciplined
• A system for health informatics students
  Navigation – end user experience
  Build-
  Query –

Other needs- different programs
  Experience in repository use, creation and management

Future – a real multi university- many “organization” system for real interprofessional use
Thank you