



emrU: Electronic Medical Records in the Health Sciences Curriculum

Summary

We integrated the EPIC electronic medical record into our medical school curriculum to:



Enhance existing curriculum with greater simulation



Facilitate interprofessional education around team-based care



Expose students to an electronic medical record prior to use within a live clinical setting

Background

At the University of Iowa, most health science students are typically not exposed to an electronic medical record system until the latter part of their education, where they gain clinical exposure.

Outcomes

Students effectively learned curricular content and gained basic competency of the electronic medical record. Survey instruments were designed and administered to students and faculty at the conclusion of each semester. Survey data is available on affiliated poster or on the emrU website.

Challenges

- Electronic medical records not designed for classroom use; number 1 request is for an active, evolving chart.
- Communication/culture
- Training for non-clinical faculty, introduction for students
- Evolving curriculum

Governance and Resources

Governance

- Monthly steering committee meetings, including main stakeholders (medicine, nursing, pharmacy, hospital, information technology, etc.)
- Chief Medical Information Officer can act as bridge between clinicians, information technology and academics

Resources

- One full-time employee plus technical support staff. (Budget 1.5 full-time employees/2+ years to launch project and maintain over time)
- Existing electronic medical record installation at partner medical center.

Further Information

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