Xinhua Hospital: Implementation of EMR Project Case Solution

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Rationale

- Affordable Care Act requires EMR adoption and meaningful use
- Evidence that EMRs reduce medical errors
- Healthcare has advanced technology for treatment and diagnosis, but information technology is outdated
- Technology is becoming an increasingly integral part of our lives
Objectives

- Evaluate the effectiveness of EMRs by examining:
  - benefits of EMRs
  - problems with EMRs
  - measures providers can take to solve these problems
- Identify effective ways to implement EMRs in the hospital and primary care settings to promote patient-centric healthcare
Methodology

- Background information on the ACA and EMR
- Case studies, research papers, journals, literary reviews
- Mainly focused on interviews
  - 6 doctors & 1 nurse- Atlanta area and one from Washington, DC
  - Insightful and scaled interview questions

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Analysis: Benefits

- Handwriting errors eliminated
- Reduction in long-term costs
Analysis: Problems

- Problems
  - Every system has a different interface
  - Providers spend less time interacting with the patient
  - Expensive

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Analysis: Different EMR Systems

NextGen Interface

Allscripts MyWay interface

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Recommendations

- Create a standard for uniformity in the software
- Address the age issue by creating softer standards for EMR adoption for older physicians
- Reestablish the provider-patient interactions
  - Possibly having a nurse or provider present in the room who transcribes patient information during the appointment
  - Especially beneficial for older physicians
- Find ways to cut costs
  - Create more programs besides the stimulus package for healthcare (every EMR company has different pricing options)
- Privacy is still a concern that needs further research

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