Electronic Health Records: Overview, Acquisition and Implementation

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Strategies for workflow, productivity, quality and patient satisfaction improvement through health care information

- ☐ Business process consultant focusing on electronic health records, and electronic transactions between organizations
- ☐ Active leader in the Workgroup for Electronic Data Interchange (WEDI)
- ☐ Speaker and author (two books on HIPAA Security and one on electronic health records)
- ☐ Recipient of the HIMSS 2005 Book of the Year Award for *"Electronic Health Records: Transforming Your Medical Practice"*
- ☐ Co-Founder and Faculty of Health IT Certification

- ☐ **Strategic IT business process planning**
- ☐ **ROI/benefits realization**
- ☐ **Project management and oversight**
- ☐ **Workflow redesign**
- ☐ **Education and training**
- ☐ **Vendor selection and enhanced use of vendor products**
- ☐ **Facilitate collaborations among organizations to share/exchange health care information**

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Electronic Health Record (EHR)

- ☐ Electronic Health Record (EHR) is a specific concept relating to systems affording the ability to capture data from multiple sources for clinical decision making at the point of care
- ☐ HL7 Draft Standard for Trial Use (DSTU)
- ☐ Certification Commission for Health Information Technology (CCHIT)
  - ■ Ambulatory EHR 2006
  - ■ Hospital EHR 2007

EHR Includes:

- ☐ Hardware
- ☐ Software
- ☐ People – support and use
- ☐ Policy on adoption
- ☐ Process that drives adoption and use
- ☐ Ongoing maintenance and enhancement

Value Opportunities with EHR

- ☐ Productivity improvement
- ☐ Capture lost charges
- ☐ More accurate billing – consistent with documentation
- ☐ Multiple users can access the record simultaneously
- ☐ Patient safety
- ☐ Improved quality of care – templates and protocols
- ☐ Cost savings – paper storage, paper charts, transcription, reduced staff overtime

The EHR Challenges

- ☐ EHRs are complex
- ☐ Multi-phased: planning, selection, implementation, ongoing use
- ☐ Move focus from cost to benefits
- ☐ Interoperability
  - ■ Within enterprise
  - ■ Among organizations
- ☐ Success requires an enterprise approach

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