

Unit 8-2 Consumer Health Informatics

> e University, funded by the Department of Health and Human Se Health Information Technology under Award Number IU24OC0

Objectives

- Describe the emergence of Personal Health Records and their implications for patients, health care providers, and health systems
- Discuss how consumerism influences the ongoing development and use of health information systems

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Personal Health Record (PHR)

- Electronic record of health-related information on an individual
- Conforms to nationally recognized interoperability standards
- Drawn from multiple sources
- Managed, shared, and controlled by the individual

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Defining Key Health Information Technology Terms
http://healthit.hhs.gov/portal/server.pt/gateway/PTARGS_0_10741_848133_0_0_18/10_2_hit_ter
ms.pdf
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Contents of a PHR

- Personal identification
- · Emergency contact information
- Physician, dentist, and specialists contact information
- Health insurance information
- Living wills, advance directives, or medical power of attorney

http://www.myphr.com/index.php/health_literacy/glossary_of_terms/letter/p/
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Contents of a PHR

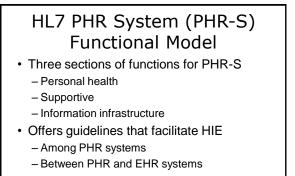
- Organ donor authorization
- Significant illnesses/surgical procedures and associated dates
- · Current medications and dosages
- · Immunizations and their dates
- · Allergies/sensitivities to drugs or materials
- · Family history

http://www.myphr.com/index.php/health_literacy/glossary_of_terms/letter/p/ Comconent&Unit 8-2 Health IT Workforce Curticulum

Contents of a PHR

- · Recent physical examination results
- · Opinions of specialists
- · Important test results
 - Eye
 - Dental
- Provider correspondence
- · Health related educational materials
- Other health related information

http://www.myphr.com/index.php/health_literacy/glossary_of_terms/letter/p/



http://wiki.hl7.org/index.php?title=Product_PHR_FM Component&Unit8-2 Health/IT Workforce Curriculum Version 2.06pring2011

Role of PHRs

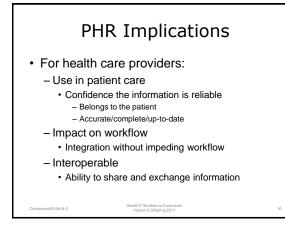
- Help consumers make informed health care decisions
- · Engage consumers in their care
- Supply information to health care providers
- Integrate the delivery of health care and place the consumers at the center of their care

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PHR Implications

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- For consumers:
 - What to include?
 - What format?
 - Who has access?
 - What to share?
 - Where to store?



PHR Implications

· For sponsoring organizations:

- Keeping the PHR private and secure
 Controlled access
- Reliability of the system housing the PHR
 - Available when needed
- Ability to export as well as import information
 - · Seamless integration
 - Standardized permissions and formats

Health Consumerism

- · Health consumerism
 - Patient involvement in their own health care decisions

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Enabler of health care consumerism

 Health information systems

Health Consumerism

"Once passive recipients of medical care, patients are increasingly regarded as active 'consumers' (and potential critics) with the right to certain standards of service, including the right to full information, to be treated with respect and to be actively involved in decision-making about treatment."

Mead N, Bower P. Patient-centredness: a conceptual framework and review of the empirical literature. Social Science & Medicine. 2000

Benefits of Consumerism

- Catalyst for patient-centric health information systems
- Push for the adoption of health information systems
- Health care providers' response

Challenges of Consumerism

· Health information systems

- Evaluation of technology needed and determining how to integrate
- Directly providing health information and/or serving as portals to other sites

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- Consumer literacy
- · Filtered based on need
- Easy access

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Trustworthy information

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· Engaging the consumer
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Summary

- PHRs are similar to EHRs except – Managed, shared, and controlled by the individual
- PHRs have multiple roles such as engaging consumers in their care and placing the consumers at the center of their care

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Summary, continued

- PHRs have implications for consumers, health care providers, and if used, the sponsoring organization
- Health care consumerism is impacting the development and use of health information systems

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