AHIC Priorities and Use Case Roadmap

2006

Consumer Empowerment Use Case
- Registration
- Medication History

Consumer Access to Clinical Information
- Access to Clinical Data
- Provider Permissions
- PHR Transfer

Emergency Responder EHR
- On-Site Care
- Emergency Care
- Definitive Care
- Provider Authentication and Authorization

Medication Management
- Medication Reconciliation
- Ambulatory Prescriptions
- Contracts
- Indications

Personalized Healthcare
- Laboratory Genetic / Genomic Data
- Family Medical History

Biosurveillance Use Case
- Visit
- Utilization
- Clinical Data
- Lab and Radiology

Quality
- Hospital Measurement and Reporting
- Clinician Measurement and Reporting
- Feedback to Clinicians

Public Health Case Reporting
- Case Reporting
- Bidirectional Communication
- Labs

Response Management
- Resource Identification
- Vaccine
- EHR Data

EHR Use Case
- Laboratory Result Reporting

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2007 Use Cases

2008 Possible Use Cases

Remote Monitoring
- Remote Monitoring of Vital Signs and Labs (Glucose)

Remote Consultation
- Structured email
- Reminders
- On-line Consultation

Referrals and Transfer of Care
- Referrals
- Problem Lists
- Transfer of Care

Laboratory Genetic / Genomic Data
- Personalized Healthcare

Case Reporting
- EHR Data

2009 and Beyond

Q 3.1 Clinical decision support
Q 3.0 Clinical decision support
Q 6.0 Expanded laboratory quality measures
Q 7.0 Expanded ambulatory quality measures

AHIC 15.0 Data access/data control
AHIC 16.0 Data aggregation
AHIC 17.0 Infrastructure areas missing
AHIC 18.1 Security, network, repositories
AHIC 18.0 Vital measurements
AHIC 19.0 Test documents
AHIC 20.0 Health literacy

AHIC 21.0 Security, network, repositories
AHIC 22.0 Advance directive/living wills
AHIC 23.0 Authentication models to support chain of trust data exchanges

AHIC 24.0 Social/family history
AHIC 25.0 Medication history
AHIC 26.0 Medication history

AHIC 27.0 Profile
AHIC 28.0 Standardization of data

AHIC 29.0 Care plans/clinical flowsheets

AHIC 30.0 Provider list
AHIC 31.0 Adverse events
AHIC 32.0 Nosocomial infections
AHIC 33.0 Clinical data storage for surveillance

AHIC 34.0 Case reporting
AHIC 35.0 Bi-directional communications

AHIC 36.0 Lab results
AHIC 37.0 Anatomical pathology results

AHIC 38.0 Radiology reports
AHIC 39.0 Social history
AHIC 40.0 Procedure reports
AHIC 41.0 Medications

AHIC 42.0 Dental
AHIC 43.0 Ophthalmology

AHIC 44.0 Ophthalmology
AHIC 45.0 Ophthalmic care

AHIC 46.0 Ophthalmic care
AHIC 47.0 Ophthalmic care

AHIC 48.0 Legal liability & regulatory barriers
AHIC 49.0 Consumer consent

CCHIT 1.0 Patient safety
CCHIT 2.0 Transfer of care

CCHIT 1.1.4 Text reports
CCHIT 1.1.5 Numeric results
CCHIT 1.1.6 Images
CCHIT 1.1.7 Images

CCHIT 1.2.1 X12 Claims attachment