Perspectives and Clustering of AHIC Priorities

Rob Kolodner, M.D.
John Loonsk, M.D.
Kelly Cronin
Karen Bell, M.D.
Jodi Daniel
Office of the National Coordinator for Health Information Technology

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Coordination Needs

A priority roadmap for the American Health Information Community:

– Will be developed to describe when areas and issues will be considered

– Allow AHIC workgroups to focus on their identified priorities and issues, but do so in a coordinated fashion

– Inform next steps for the different processes of the national agenda including "use cases" that detail needs for:
  - ➢ architecture
  - ➢ data harmonization
  - ➢ confidentiality and security
  - ➢ certification
  - ➢ policy consideration

Status

Many priorities expressed by AHIC workgroups and others

– Not all issues can be addressed at one time

– There is overlap in the different priorities and there are relationships between different priorities

– Need to avoid "stovepipe" activities where there are opportunities to share and connect

– Need to address process "gaps" with the Health Information Technology Standards Panel and the Certification Commission for Health Information Technology

Priorities and Use Cases

- Three use cases from the last cycle and one new:
  - EHR – Lab results
  - CE – Registration and medication history
  - Biosurveillance – Connecting clinical care data to public health
  - Emergency Responder EHR

- Develop a coordinating structure for future use cases with three high level perspectives:
  - Consumer Perspective
  - Provider Perspective
  - Secondary Use Perspective

- Put the existing use cases into this structure and develop the second round of use cases through extension into it

- As much as possible adhere to the priorities of the AHIC workgroups while leveraging activities across them

Priorities

Highlighted Areas - Inclusive list of priority areas and issues related to perspective (Consumer, Provider, Secondary Use)

Workgroup Priorities and Issues - in columns

Dark Highlights – Part of a perspective which we will try to write into next step use cases

CONSUMER PERSPECTIVE

Consumer Empowerment

Near Term
Lab results as needed by patient
List of conditions & allergies
- Health problems
- Medication allergies
- Allergies

Administrative features
- Appointment scheduling
- Demographic profile
- Editing account profile
- Insurance eligibility & claims
- Financial recordkeeping & management
- Privacy & access control

Reminders (examples)
- Annual check-ups
- Cancer screening—mammograms
- Cancer screening—colonoscopies
- Immunizations

Mid-Longer Term
Online consultation
- Structured email

Vital signs (general)
Labs and pharmacy
Lesion assessment
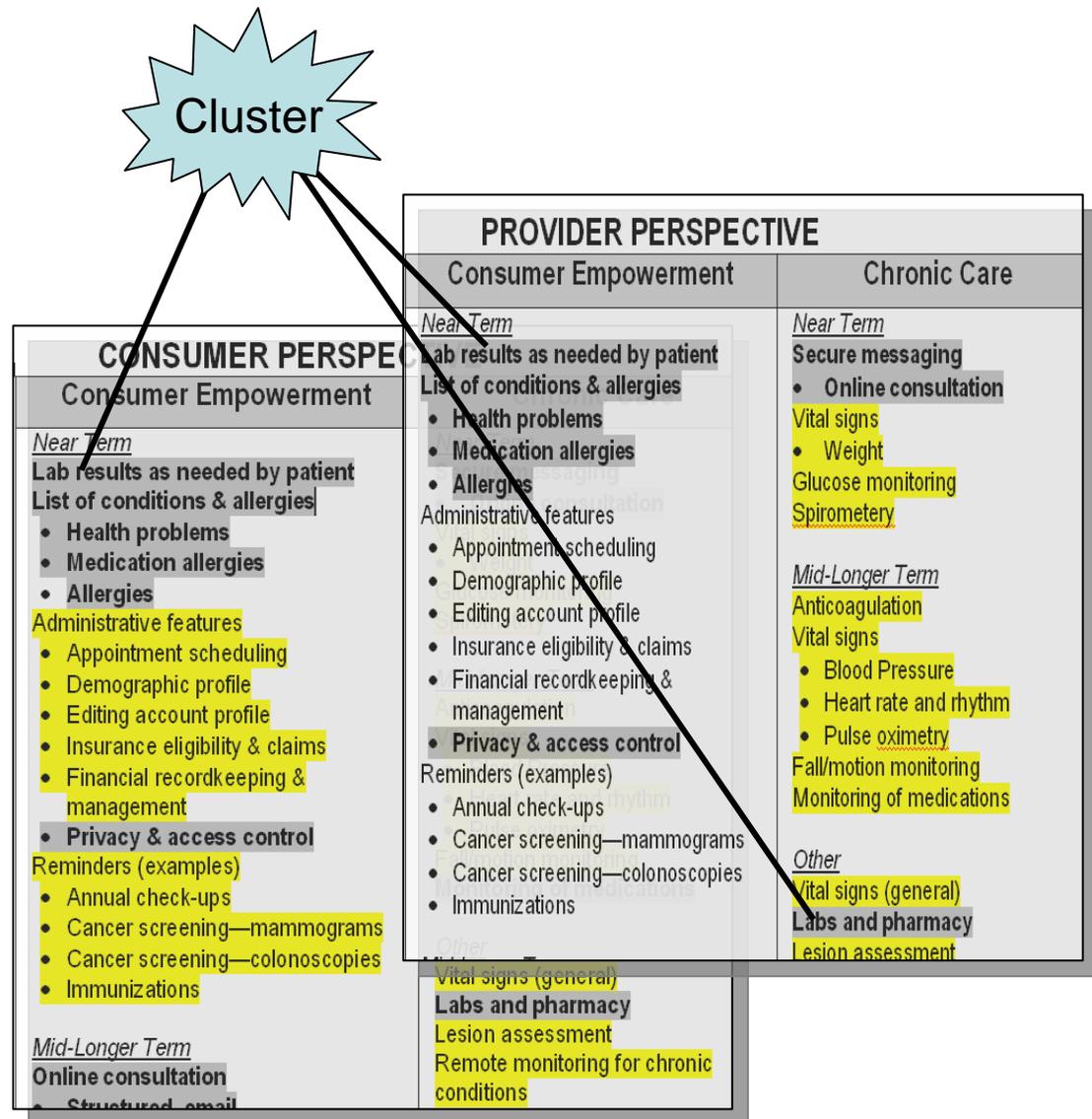Remote monitoring for chronic conditions

PROVIDER PERSPECTIVE

Consumer Empowerment	Chronic Care
Near Term Lab results as needed by patient List of conditions & allergies • Health problems • **Medication allergies** • **Allergies** Administrative features • Appointment scheduling • Demographic profile • Editing account profile • Insurance eligibility & claims • Financial recordkeeping & management • **Privacy & access control** Reminders (examples) • Annual check-ups • Cancer screening—mammograms • Cancer screening—colonoscopies • Immunizations	*Near Term* **Secure messaging** • **Online consultation** Vital signs • **Weight** Glucose monitoring Spirometery *Mid-Longer Term* Anticoagulation Vital signs • **Blood Pressure** • **Heart rate and rhythm** • **Pulse oximetry** Fall/motion monitoring Monitoring of medications *Other* Vital signs (general) **Labs and pharmacy** Lesion assessment

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Clustering across Workgroups and Perspectives

Cluster:

Priorities that relate to, or depend on, each other

Clustered items may influence the importance of the priorities

Cluster

CONSUMER PERSPECTIVE

Consumer Empowerment

Near Term
Lab results as needed by patient
List of conditions & allergies
- **Health problems**
- **Medication allergies**
- **Allergies**
Administrative features
- Appointment scheduling
- Demographic profile
- Editing account profile
- Insurance eligibility & claims
- Financial recordkeeping & management
- **Privacy & access control**
Reminders (examples)
- Annual check-ups
- Cancer screening—mammograms
- Cancer screening—colonoscopies
- Immunizations

Mid-Longer Term
Online consultation
- **Structured e-mail**

PROVIDER PERSPECTIVE

Consumer Empowerment	Chronic Care
Near Term Lab results as needed by patient List of conditions & allergies • **Health problems** • **Medication allergies** • **Allergies** Administrative features • Appointment scheduling • Demographic profile • Editing account profile • Insurance eligibility & claims • Financial recordkeeping & management • **Privacy & access control** Reminders (examples) • Annual check-ups • Cancer screening—mammograms • Cancer screening—colonoscopies • Immunizations *Other* Vital signs (general) **Labs and pharmacy** Lesion assessment Remote monitoring for chronic conditions	*Near Term* **Secure messaging** • **Online consultation** Vital signs • Weight Glucose monitoring Spirometery *Mid-Longer Term* Anticoagulation Vital signs • Blood Pressure • Heart rate and rhythm • Pulse oximetry Fall/motion monitoring Monitoring of medications *Other* Vital signs (general) **Labs and pharmacy** Lesion assessment

Work Group Issues

- Common issues across workgroups
  - Business case
  - Work flow
  - Legal
  - Privacy, confidentiality and security

- Specific issues related to priority areas
  - Regulatory barriers for provider and patient access to lab results
  - EHR, PHR, remote care monitoring, and case reporting integration in work flow
  - Need for clear policy and practices for secondary uses of clinical data

Next Steps

- Get AHIC comments today on cross-linked priorities

- Initiate development of the next round of use cases

  - Two steps of public comment during use case development

- Workgroups continue to address important issues for their broad charges

- Develop high level roadmap for infrastructure development and AHIC activities

- Review priorities at AHIC in approximately six months

Discussion Questions – Consumer Perspective

- Are the most important priority areas (highlighted in gray, bold text) captured to advance interoperability in the second round of use cases?

- Are there any important considerations for the workgroups as they continue to address both their broad charges and these priority areas?

- Are there any highlighted gray areas that should be considered instead for the 3rd round of use cases or later in the workgroup process?

Discussion Questions – Provider Perspective

- Are the most important priority areas (highlighted in gray, bold text) captured to advance interoperability in the second round of use cases?

- Are there any important considerations for the workgroups as they continue to address both their broad charges and these priority areas?

- Are there any highlighted gray areas that should be considered instead for the 3rd round of use cases or later in the workgroup process?

Discussion Questions – Secondary Uses

- Are the most important priority areas (highlighted in gray, bold text) captured to advance interoperability in the second round of use cases?

- Are there any important considerations for the workgroups as they continue to address both their broad charges and these priority areas?

- Are there any highlighted gray areas that should be considered instead for the 3rd round of use cases or later in the workgroup process?