



HIT Standards for HIM Practices: 2016 Work Plan

AHIMA Standards Task Force Call 01-11-16



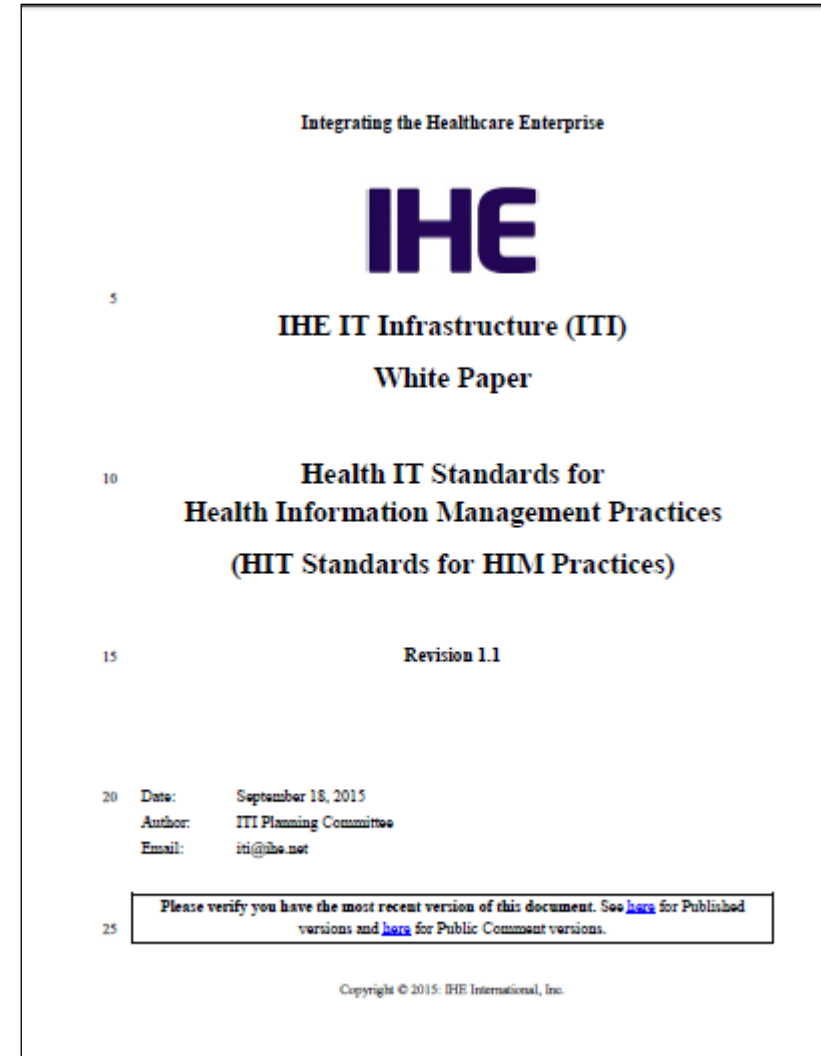
Efforts to Date

AHIMA and Integrated Healthcare Enterprise (IHE) published

White Paper:
HIT Standards for HIM Practices

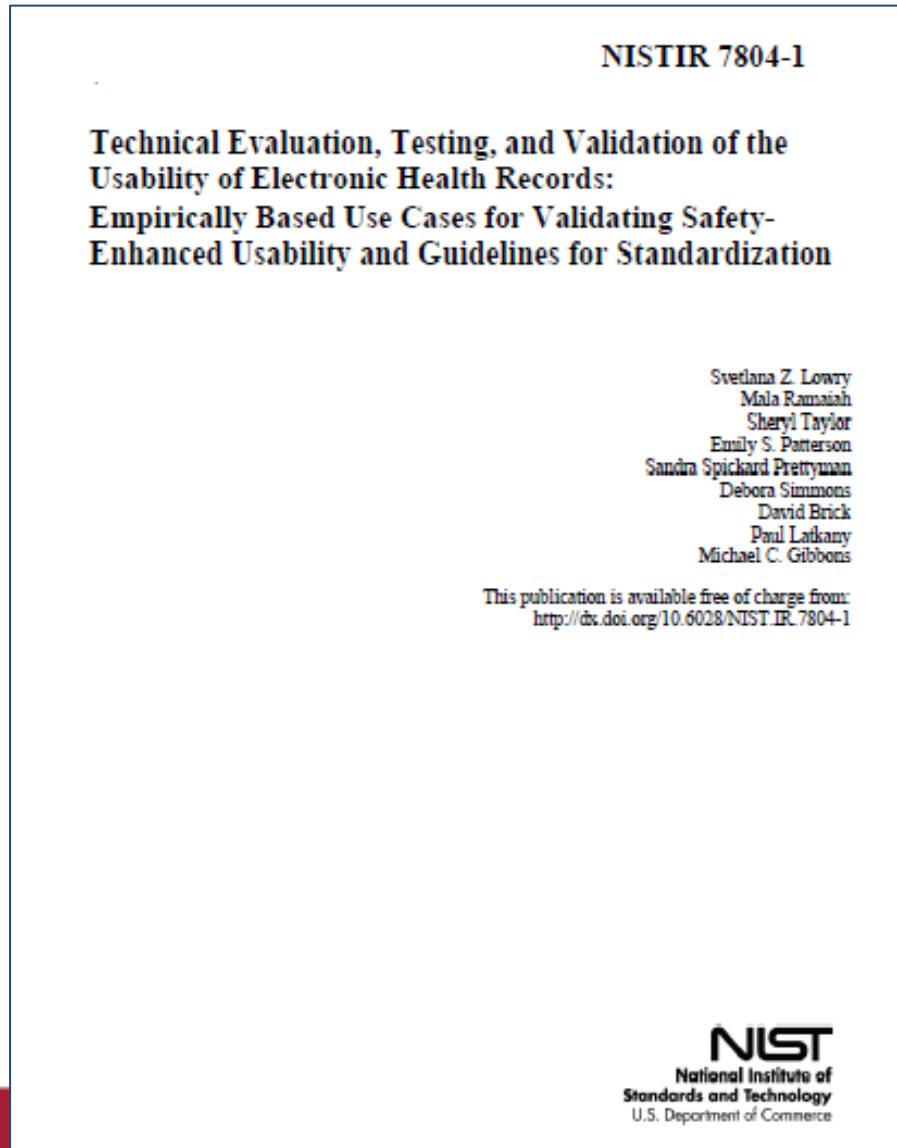
September 18, 2015

URL: <http://qrs.ly/lb4vec0>



The Need: *Addressing Challenges with HIT Adoption*

5-year US NIST
study of EHR users
published in
September 2015



National Institute of Standards and Technology (NIST). **Technical Evaluation, Testing, and Validation of the Usability of Electronic Health Records: Empirically Based Use Cases for Validating Safety-Enhanced Usability and Guidelines for Standardization.** NISTIR 7804-1 . September 2015. URL: <http://dx.doi.org/10.6028/NIST.IR.7804-1>

The Need: Patient Care Safety

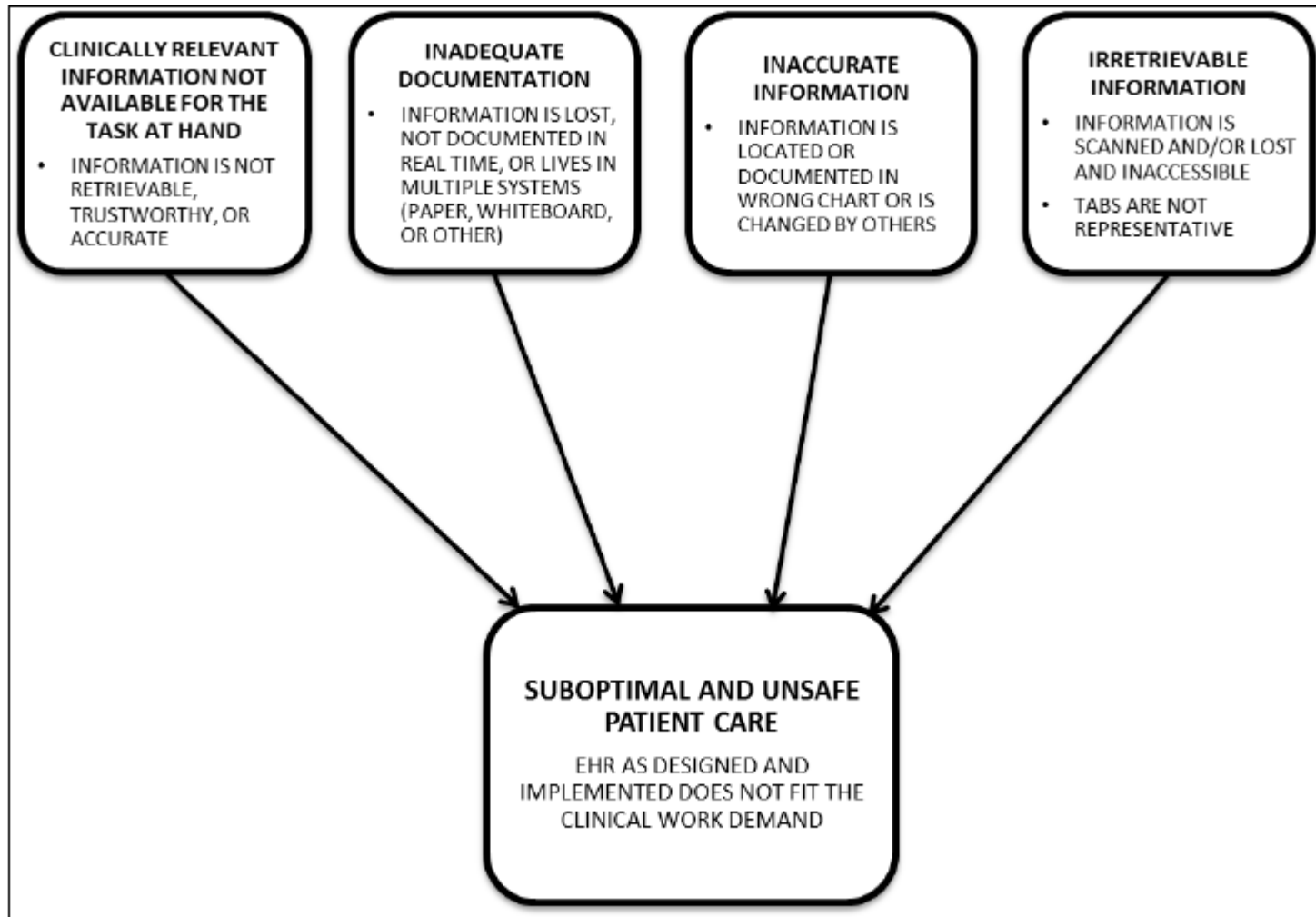



Figure 3. Relationship between usability findings and safe and effective clinical care

Addressing Challenges with HIT Adoption



**Health Information Systems Should Support
HIM Practices**



**Standards Developers Should be Informed about
HIM Practices**



**Health Information Systems (HIS) Built Based on
Standards Should Support HIM Practices**



AHIMA Collaborates with HIT Vendors at IHE

To address challenges with HIT adoption, in 2015, AHIMA joined the **Integrating the Healthcare Enterprise (IHE)**, www.ihe.net)

IHE is an international collaborative of HIT vendors, professionals associations and governmental entities to develop interoperability standards in healthcare to improve the quality, value, and safety of healthcare by enabling rapid, scalable, and secure access to health information at the point of care.

IHE engages public and private entities to develop, test, implement, and use standards-based solutions for all health information needs.





Providers, Public Health and
Software Developers
Working Together to Deliver
Interoperable Health Information Systems
in the Enterprise
and Across Care Settings

IHE Develops Interoperability Standards

Integrating the Healthcare Enterprise (IHE) specifies harmonized interoperability standards – an assembly of individual standards that work together – Technical Frameworks, Integration Profiles, Content Profiles for:

- Information Technology Infrastructure (ITI)
- Patient Care Coordination (PCC)
- Laboratory
- Cardiology
- Radiology
- Quality, Research and Public Health (QRPH)
- Medical Devices
- and other domains



Integrating the Healthcare Enterprise (IHE). URL: www.ihe.net

IHE Participants

Leadership



Implementer



Supporter



Organizational Participants



Participants as of 11/20/06

© 2006 Healthcare Information and Management Systems Society

Integrating the Healthcare Enterprise (IHE). URL: www.ihe.net



IHE Connectathon: Interoperability Standards Testing Event

- US National Institute of Standards and Technology (NIST) serves as a proctor for the tests
- Passing tests is a prerequisite to participation in HIMSS Interoperability Showcase
- IHE Connectatons run in
 - North America
 - Europe
 - Asia
 - Japan
 - Australia



Successfully Tested Standards Demonstrated at HIMSS Interoperability Showcase™

- Major HIT event conducted at Health Information Management and Systems Society (HIMSS) Annual Conventions
- Scripted Use Case Scenarios are played at the vendors' kiosks
- Attended by thousands of clinicians and CIOs from various healthcare organizations and practices worldwide



HIMSS. URL: www.himss.org

Successful IHE Connectathon testing is a pre-requisite for the HIMSS Showcase!

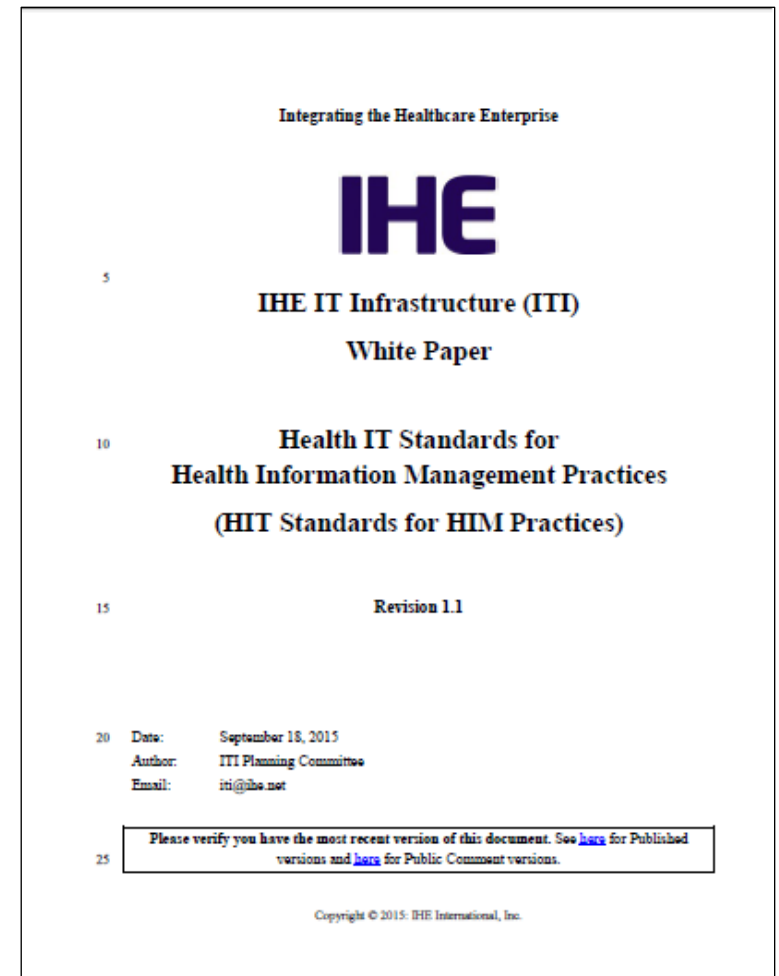
2015 AHIMA-IHE White Paper

AHIMA and Integrated Healthcare Enterprise (IHE) published

White Paper:
HIT Standards for HIM Practices

September 18, 2015

URL: <http://qrs.ly/lb4vec0>



AHIMA-IHE White Paper - 2015: *HIT Standards for HIM Practices*

The White Paper -- part of **AHIMA's globally-focused Information Governance (IG) initiative** -- marks the first time effort for HIT vendors and HIM professionals to work together to ensure that interoperability will be addressed from an HIM perspective.

“Identifying HIM practice needs and a means to address them in standards is the first step in achieving our shared goal of the interoperability and overall governance of health information” (AHIMA, 2015).

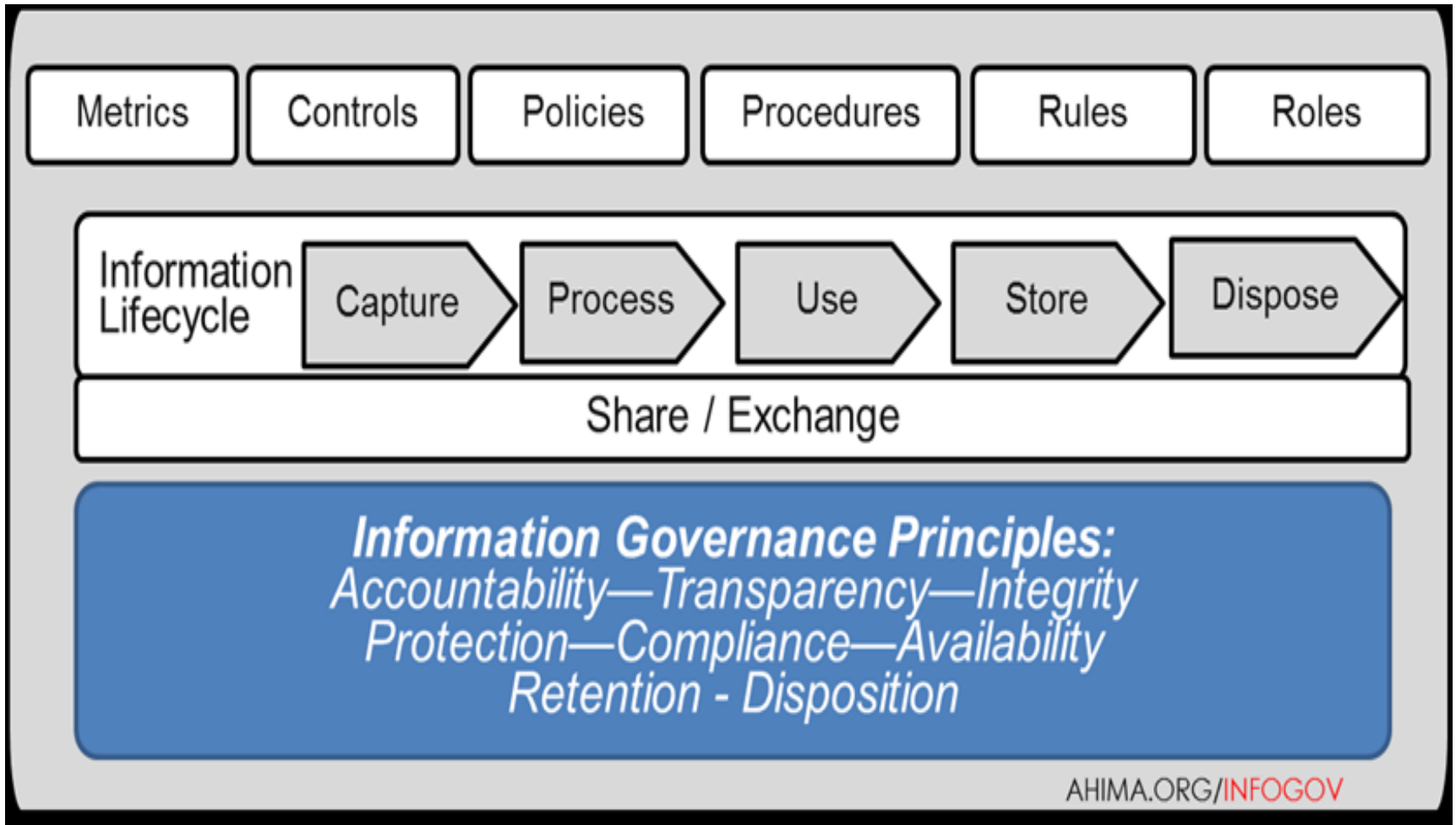
Information Governance



STANDARDS



AHIMA Information Governance (IG) Framework: Organizational Policies & Processes for Information Lifecycle



AHIMA Information Governance Principles in Health Care (IGPHC)

2014

IG
Principle

#=8

AHIMA, 2014

1. Accountability
2. Transparency
3. Integrity
4. Protection
5. Compliance
6. Availability
7. Retention
8. Disposition



AHIMA-IHE White Paper - 2015:

Selected Information Governance Principles

2014

IG
Principle

#=3

AHIMA, 2014

1. Accountability
2. Transparency
- 3. Integrity**
- 4. Protection**
5. Compliance
- 6. Availability**
7. Retention
8. Disposition



From IG Principles to HIT Standards

Project Phases

2014

IG
Principles

AHIMA, 2014



From IG Principles to HIT Standards

Project Phases

2014

IG
Principles

HIM Business
Requirements
by Principle

HIM
Practice
Checklist

Use
Cases

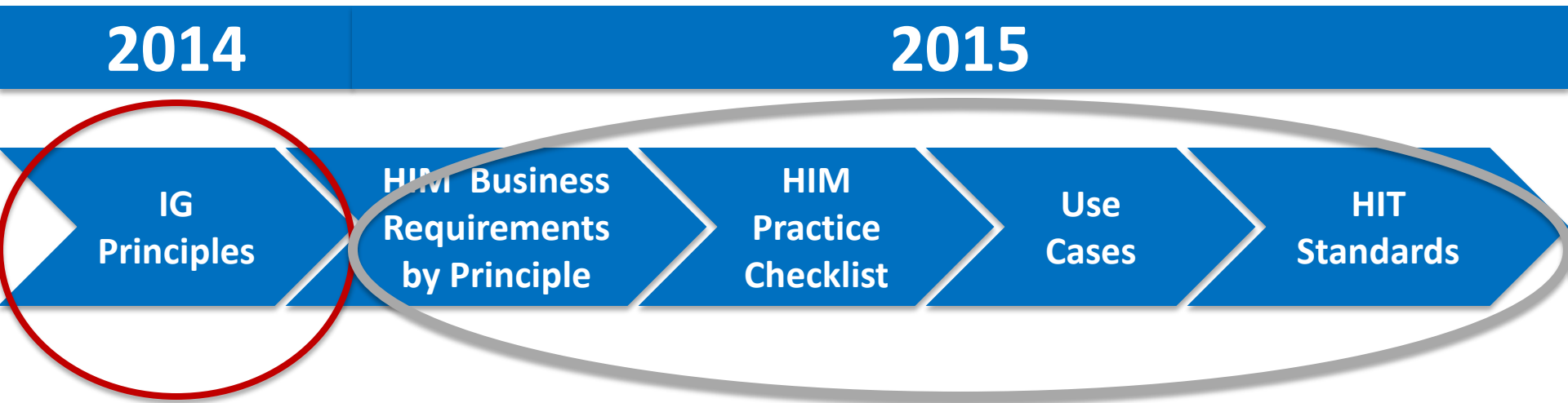
HIT
Standards

AHIMA, 2014



From IG Principles to HIT Standards

Project Phases



AHIMA, 2014

AHIMA-IHE White Paper, 2015

Our Methodology

1. Specify **business requirements** by IG Principle
2. Specify **functional requirements** for HIT products via **HIM Practice Checklist** and **Use Cases** by IG Principle
3. Conduct **Standards Gap Analysis** by IG Principle
4. Develop **Recommendations** for developing HIT standards to support HIM practices



HIM Business Requirements

Information Governance Principles: Business Requirements

2015

1. Information availability
2. Information integrity
3. Information protection

2016

4. Information accountability
5. Information compliance
6. Information transparency
7. Information retention
8. Information disposition



HIM Practice Checklist

HIM Best Practices Checklist	
2015	2016
1. Information availability	1. Information availability (continued) 2. Information integrity* 3. Information protection*

* - grey font indicates activities to be conducted in 2016 upon availability of resources (i.e., time)



HIM Use Cases

HIM Use Cases for HIT Standards

2015

2016

1. All documents in the episode of care record are accounted for
2. Episode of care record is complete and closed
3. Release of Information (ROI) to external requestor
4. Audit for the episode of care record
5. Audit for the ROI

1. Data quality
2. Copy and paste
3. Patient registration
4. Patient matching
5. Transition of care



IHE Standards Review

IHE Standards To Be Reviewed

Representation of organizational policies

- IHE ITI White Paper: Template for Cross-Document Sharing Affinity Domain Deployment Planning

Patient identity management and matching

- Patient Identifier Cross-Referencing (PIX)
- Patient Demographics Query (PDQ)

Privacy choices

- Basic Patient Privacy Consents (BPPC)
- Advanced Patient Privacy Consents (APPC)



AHIMA Standards Task Force: Help Needed

AHIMA Standards Task Force need Subject matter Experts (SMEs) with the expertise in

- ***legal aspects of information management and use*** to work on standards for policy representation in HIT products
- ***patient identity management*** to work on patient identification and matching standards
- ***information privacy and security*** to work on patient consent standards
- ***clinical documentation improvement (CDI) and coding*** to work on terminology standards
- ***data quality and documentation integrity*** to work on document management standards
- ***health information exchanges*** to work on information sharing standards and so on.



AHIMA Standards Taskforce is paving the road for information sharing!

