

Arizona Health IT Updates: The Current State of Affairs

Melissa Rutala

CEO, Arizona Health-e Connection

melissa.rutala@azhec.org

Current AzHeC Initiatives

- EHR Adoption & Meaningful Use (REC)
 - Federally subsidized services
 - *New* consulting services
 - *New* privacy & security services
- Health Information Exchange
 - Health Information Network of Arizona
 - Policy & legislative work
 - *New* HIE Marketplace (Direct Exchange)
 - *New* E-prescribing

Arizona Health Information Exchange (HIE) Marketplace

Introduction to HIE and Arizona Health-e Connection

Arizona Health-e Connection

Arizona Health-e Connection (AzHeC)

exists to

Convene, Coordinate and Communicate

for health information infrastructure

improvements that affect every Arizonan

AzHeC Structure

Permanent

Governor's Office
AHCCCS
ADHS
ASET
AzHHA
ArMA
AOMA

Arizona Health-e Connection Board

Health Plans/Insurers
Employers
Hospitals
Pharmacy
Clinical Labs
Higher Education
Medical Trading Areas
At-Large Seats

Additional

AzHeC Management and Staff

Information
Clearinghouse

Policy
Development

Leading Health
IT Initiatives

Arizona HIE Marketplace

HIE Marketplace

Goal: To connect Arizona providers with viable options for health information exchange

**Partnership between
ASET and AzHeC**

**Develop technical
specs, standards and
operation requirements
for HISPs**

**Health Information
Exchange Marketplace**

**Collaborate with HISP
vendors who are
interested in
participating**

**Provide education to
consumers and
providers**

HIE Marketplace Benefits



Variety of exchange options to meet the health care providers needs.



Trusted source where health care providers can review viable health information exchange options.



Marketing and outreach activities promoting marketplace HISP vendors and HIOs

HIE Marketplace Phases

State-Level Directory Services



Phase 1

Direct
Exchange

Phase 2

Robust Health
Information
Exchange

Direct Exchange Overview

What is Direct Exchange?



b.wells@direct.aclinic.org

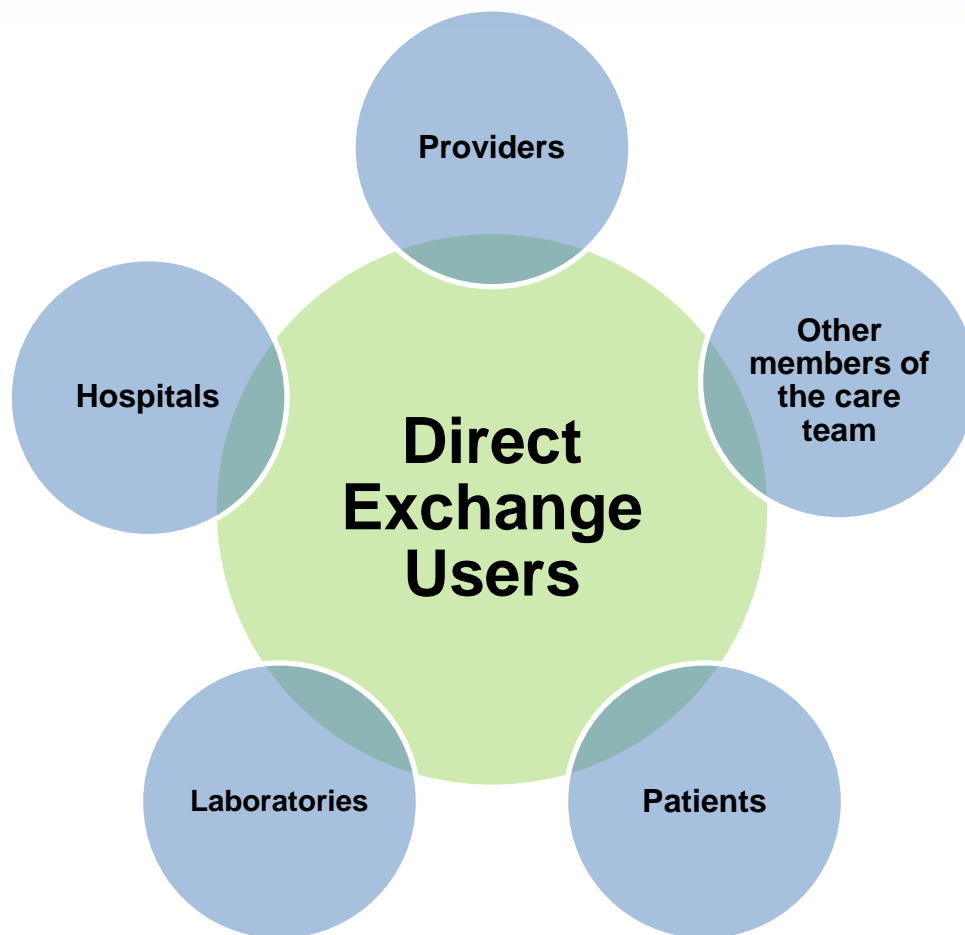
Direct Exchange specifies a simple, secure, scalable, standards-based way for participants to send encrypted health information directly to known, trusted recipients over the Internet.



h.elthie@direct.ahospital.org

Simple. Secure. Scalable. Standards-based.

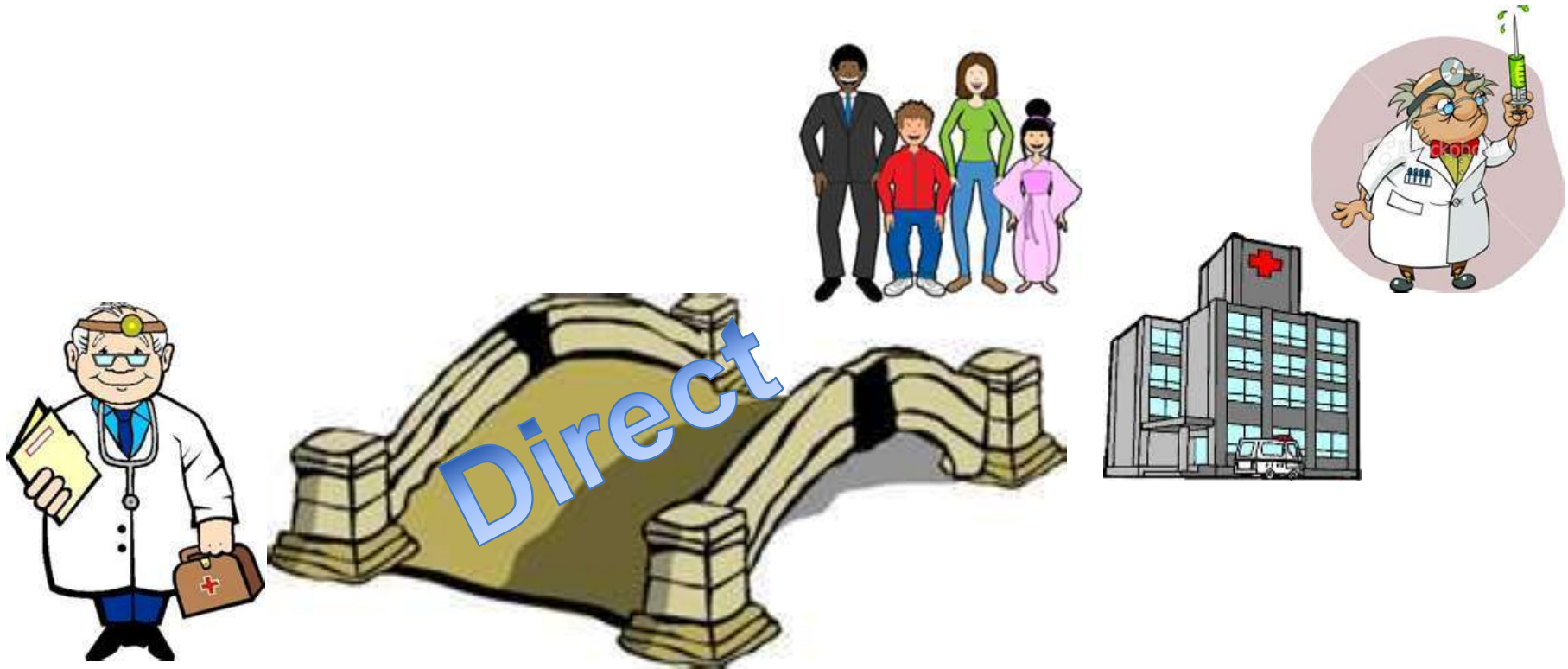
Who Uses Direct Exchange?



*Direct Exchange
can be used by
multiple individuals
and entities for
health care
coordination
purposes.*

Bridging the Gap

Direct bridges the communication gap between providers, patients, and other health care entities with secure electronic messaging.



Direct Exchange & Meaningful Use

Direct Exchange will help you meet Meaningful Use requirements in both Stage 1 & Stage 2.

Menu Measures

- Clinical lab test results
- Patient reminders
- Patient-specific education resources
- Transitions of care summary
- Immunization registries data submissions
- Syndromic surveillance data submission
- Report lab results to public health

Core Measures

- Discharge instructions
- Electronic copy of health information
- Exchange key clinical information
- Clinical summaries

Key Direct Components

- Health Information Service Provider (HISP)
 - Assign domains and addresses
 - Manage identity credentials
 - Store and maintain digital certificate
 - Encrypt/decrypt secure messages
- Direct Addresses
 - Security certificates

Direct Addresses



Dr. Wells

b.wells@acclinic.com

Unsecure
Address

b.wells@direct.acclinic.com

Endpoint

Domain

Direct
Address

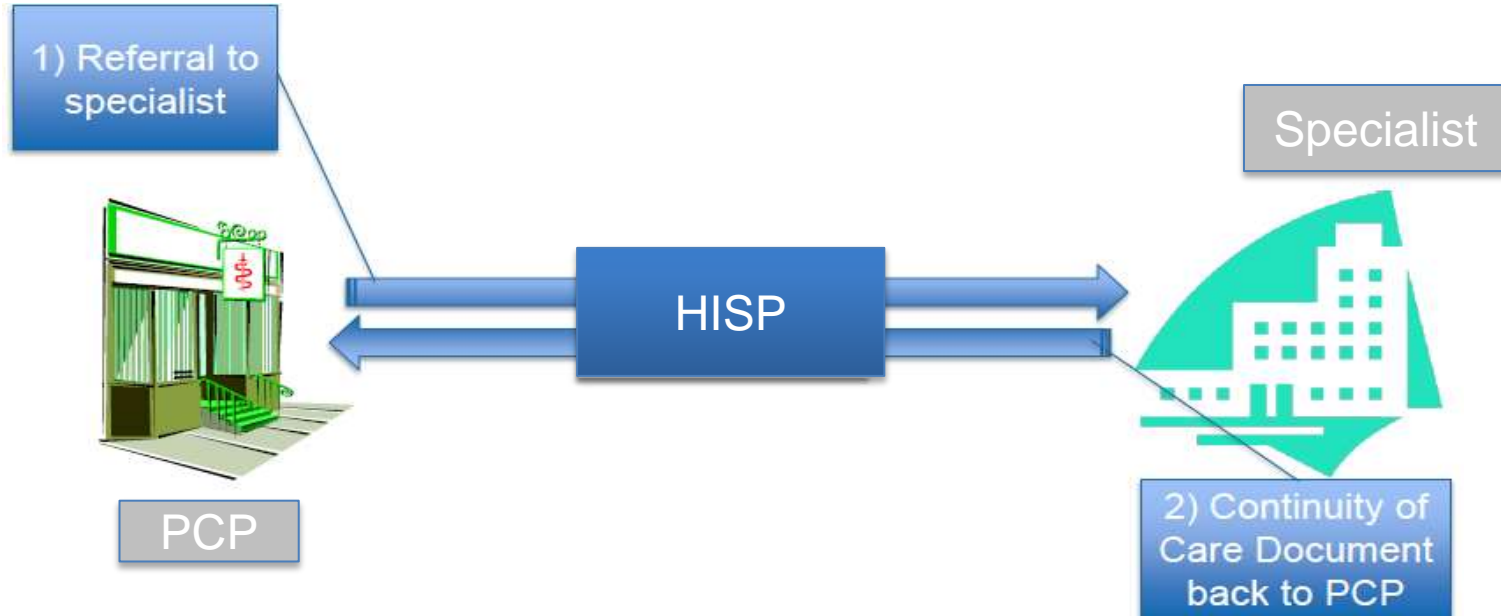
Implementation Options

Three options for Direct implementation:

- Web portal
- Email client (i.e. Outlook)
- EHR integration



Example #1: Referrals & Patient Summaries



Patient Summaries & Meaningful Use

MU Measure	Stage 1 Requirement	Proposed Stage 2 Requirement	Direct Exchange Benefit
Transition of Care Summary (M-8)*	MENU – 50% of transitions of care supported with a care summary	CORE – 65% of Transitions of care supported with a care summary. 10% of transitions are electronically transmitted.	Direct Exchange can electronically send a transition of care summary to the receiving provider.

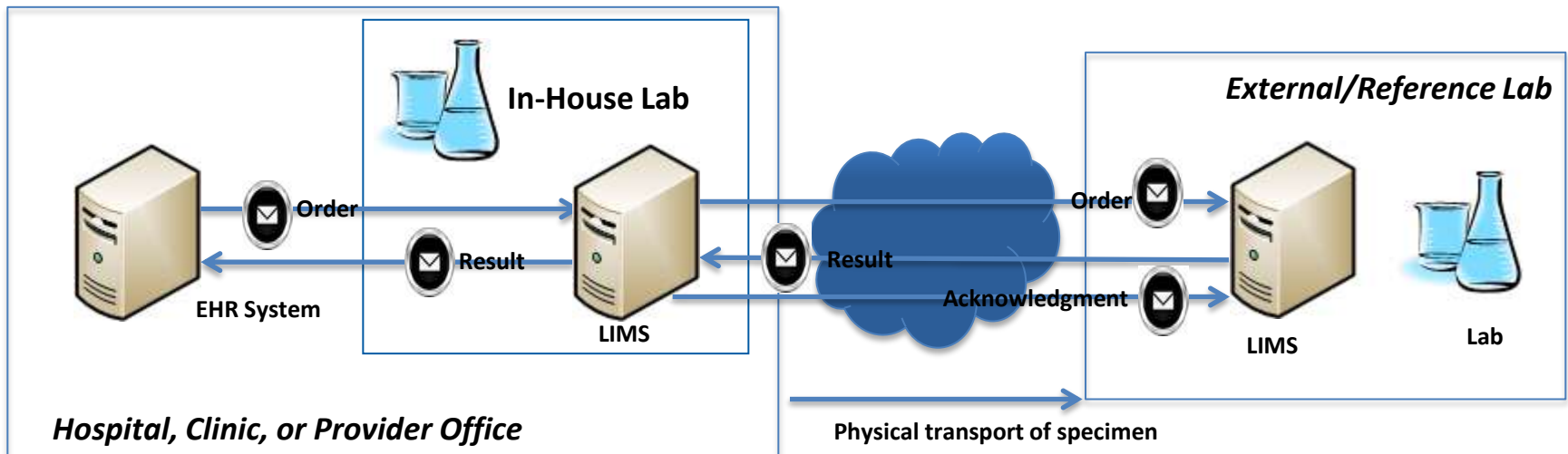
*Measure requires the use of electronic exchange of information.

Patient Care & Meaningful Use

MU Measure	Stage 1 Requirement	Proposed Stage 2 Requirement	Direct Exchange Benefit
Secured Messaging*	N/A	CORE – For more than 10% of patients seen, a secure message was sent.	Direct Exchange can push a PHI into a Patient Health Record.
Medication Reconciliation (M-7)	MENU – Performed for 50% of incoming transition of care patients	CORE – Performed for 65% of incoming transition of care patients	Direct Exchange can receive a CCD file to import a medication list into the EHR.

*Measure requires the use of electronic exchange of information.

Example #2: Lab Results Delivery



Lab Results & Meaningful Use

MU Measure	Stage 1 Requirement	Proposed Stage 2 Requirement	Direct Exchange Benefit
Clinical Lab Test Results (M-2)	MENU – 40% of lab test results In EHR as structured data	CORE – 55% of lab test results in EHR as structured data.	Direct Exchange and send/receive lab information in structured data.
Imaging	N/A	CORE – 40% of scans and tests resulting in an image are accessible from EHR.	Direct Exchange can send/receive lab images as an attachment to the message.

Example #3: Public Health Reporting



Public Health Reporting & Meaningful Use

MU Measure	Stage 1 Requirement	Proposed Stage 2 Requirement	Direct Exchange Benefit
Immunization Registry (M-9)*	MENU – Test successful submission.	CORE – Ongoing Transmission	Arizona is piloting Direct to transmit immunization information into ASIIS.
Syndromic Surveillance Data Submission (M-10)*	MENU – Test successful submission.	CORE – Ongoing Transmission	Arizona will be utilizing Direct to receive syndromic data at the Dept. of Public Health

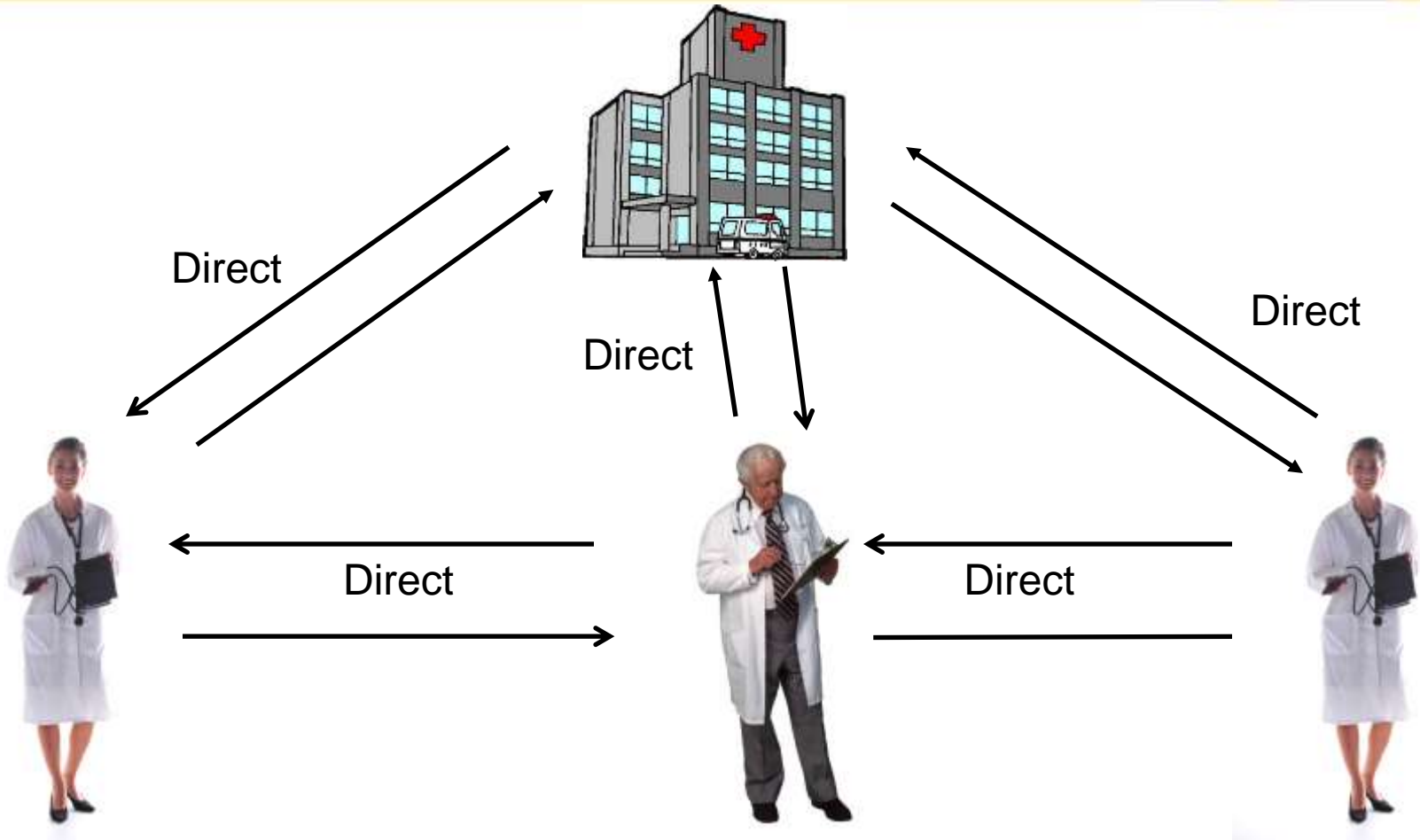
*Measure requires the use of electronic exchange of information.

A Phased, Integrated HIE Approach

Phased HIE Integration

- **Assumption** – *Bi-directional, robust exchange is the ultimate goal and will bring the most value.*
- Phase 1
 - Community providers and hospital adopt Direct to begin exchanging information electronically
- Phase 2
 - Transition to a combination of Direct, HINAz viewer and HINAz bi-directional exchange
- Phase 3
 - Move towards 100% adoption of robust, bi-directional health information exchange via HINAz

Phase 1: Direct Exchange



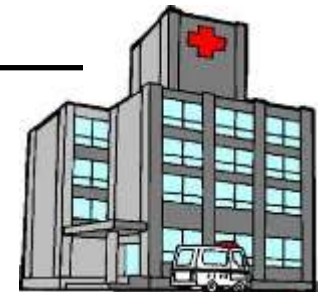
Phase 2: Hybrid Approach

 Health Information
Network of Arizona

HINAz Viewer

HINAz Viewer

Bi-directional exchange



Phase 3: Robust, Bi-directional Exchange

 Health Information
Network of Arizona

Bi-directional exchange

Bi-directional exchange

Bi-directional exchange



Phase 1: Direct Exchange

Approved HISP Vendors and Pricing

Arizona Approved Direct HISP Vendor



www.gsihealth.com

Sean Kelly

1-888-206-4237

http://www.azhec.org/?page=GSI_Health

What does Direct cost?

- Set-up costs: \$0-100 per Direct account
 - Annual security certificate
- Monthly charge: \$5-15 per Direct account
- Other services/discounts may be available
 - Volume discounts
 - Bundling of services
 - Customization

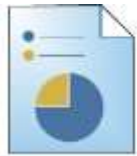
GSI Health Direct Costs

	Ambulatory Practice	Hospital
Digital Certificate	\$45 per Direct address per year	\$45 per Direct address per year
Software-as-a-Service (SaaS)	\$15 per Direct address per month	\$12.75 per Direct address per month \$1000 per month minimum fee per hospital
Online Registration and Training	Included	Included

Direct Demonstration Project

- Initial 600 providers in Arizona
- No cost for 12 months
- Submit participation agreement and attestation form
- All providers in practice must enroll
- Goal: 587 by September 30, 2012

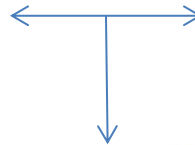
Steps to Success



**Educational
Webinar**



**Submit Online
Participation Agreement**



Complete Registration Forms



**Account
Verification
(1-3 Weeks)**



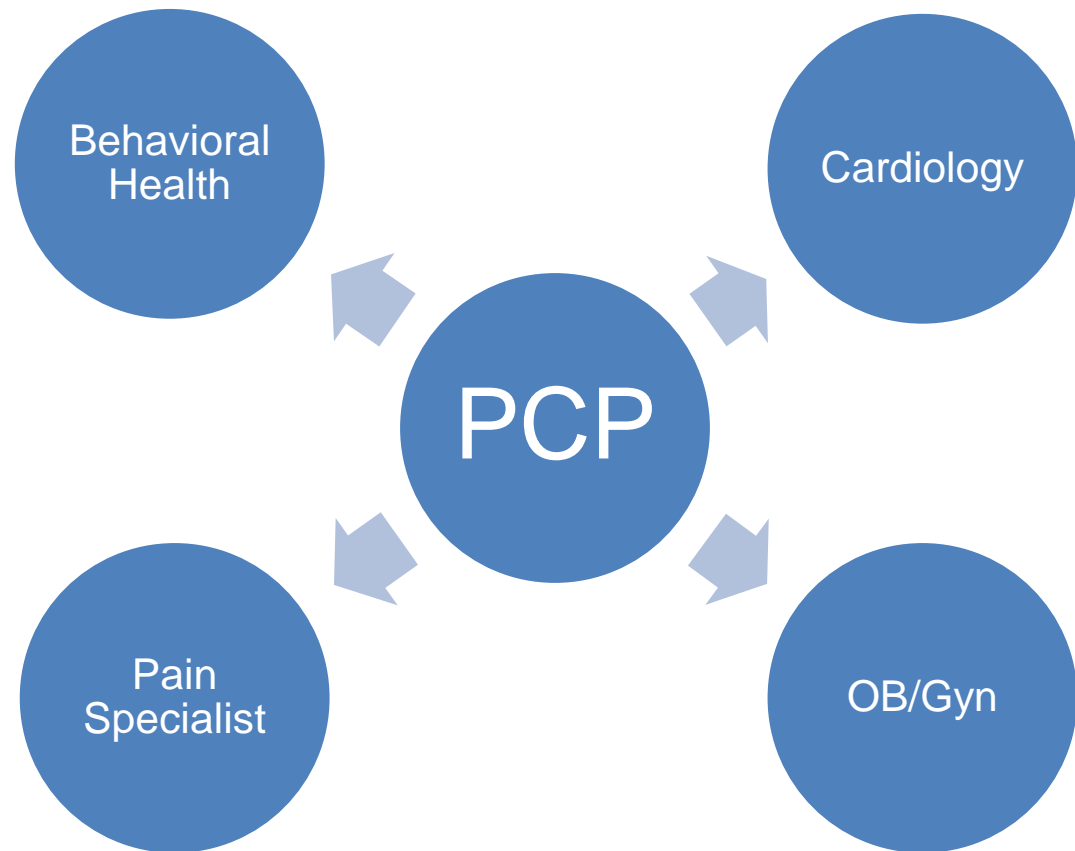
**Send one
non-test
clinical
message**



**Submit
Online
Attestation
Form**

Provider Network

***Direct is successful
when all the
providers in your
network are
connected with HISP
services.***



Questions?

Arizona Health-e Connection

www.azhec.org

ehr@azhec.org

602-688-7200