It’s Time to Opt-In
GaHIN Lab Reports Service

Bonnie Young
DCH OIT – Health Information Technology

January 22, 2020
Mission:
The mission of the Department of Community Health is to provide access to affordable, quality health care to Georgians through effective planning, purchasing, and oversight.
Partnering for Success

The Department of Community Health and the Georgia Health Information Network (GaHIN) work closely to ensure that providers and caregivers can access patient health information at the point of care to optimize outcomes and reduce costs.
We have developed training on the simple steps needed to sign up to access GaHIN as well as how to navigate within the electronic record

- Part 1 – accepting the Terms and Conditions required prior to access
- Part 2 – primary functions and navigation within the GAMMIS Clinical Viewer

https://ibmwh.adobeconnect.com/gammis-training

You must have an active, authorized GAMMIS login and accept the terms and conditions (one time) prior to gaining access to GaHIN data.

Note: Your facility may block streaming content on the internet, including content streaming from the truvenhealth.com domain. In this case, you will need to contact your IT Team for information on how to access streaming content.
GaHIN – Georgia’s Statewide Health Information Exchange
Georgia Health Information Network (GaHIN)

GaHIN is Georgia’s state-designated Health Information Exchange (HIE)
Dedicated to creating a healthier Georgia through the use and exchange of electronic health information

• Advance patient-centered healthcare
• Increase efficiency
• Improve the health of the state’s entire population
Creating a Statewide Electronic Network
GaHIN Products and Services

**DirectTrust**
Simple, Secure Patient Information Exchange

**eHealth Exchange**
Connecting Healthcare & Building a Healthy Georgia

**Georgia Direct**
Georgia Connected Care
Connecting Georgia

Basic Data Exchange
Free email messaging service to securely send patient health information to other authorized healthcare professionals

2019 Totals (through November)
- 1,003,869 send & receive transactions
  - 2018 – 747,960 Direct transactions
- 6,443 registered providers
- 356 member organizations
Connecting Georgia

Robust Integrated Patient Search (Query)
Providers can use their EHR to quickly access patient health data from hospitals, physician practices, state health systems and much more

2019 Totals (through November)
• ~14,641 connected providers
• 3,529,273 queries
  • 2018 – 2,388,290 queries
  • 36,214,017 MPI records

eHealth Exchange
Connected Organizations

State Agencies
• GA Medicaid/Department of Community Health (DCH)
• GA Department of Public Health (DPH)
• GA Division of Families and Children Services (DFCS)
• GA Department of Juvenile Justice (DJJ)
• GA Department of Behavioral Health and Developmental Disabilities (DBHDD)

Health Systems/Hospitals
• Children’s Healthcare of Atlanta (Epic)
• Emory Healthcare (Cerner)
• Grady Health System (Epic)
• Gwinnett Health System (RelayHealth)
• WellStar Health System (Epic)

Regional HIEs
• GRACHIE/Chatham HealthLink (Cerner)
• HealtheConnection (Cerner)
• HealtheHIE Georgia (Azalea)
• HI-BRIDGE HIE (formerly Georgia Health Connect)

Care Management Organizations
• Amerigroup (with IHE)
• CareSource
• Peach State
• WellCare

Specialty Connections
• Atlanta Gastroenterology Associates (Greenway)
• Georgia Partnership for Telehealth (Azalea)

National Exchange
• Veterans Health Administration
• Department of Defense
• DaVita Healthcare Partners
• Alabama (AOHR)
• East Tennessee HIE (etHIN)
• South Carolina HIE (SCHIEX)
• North Carolina HIE (NCHIEA)
It’s Time to Opt-In – GaHIN’s Lab Reports Service
Accessing Lab Results Through GaHIN

Past
• GeorgiaDirect secure email transmission of lab results between providers
• Incorporation in CCD/longitudinal patient record

Today
• Lab results available online with Quest, one of Georgia’s largest lab services providers

Future
• Integration with LabCorp
• Connections with independent labs
Using GeorgiaDirect to Share Lab Results

• A patient visits his primary care physician for a routine visit
• The primary care physician determines that lab work should be performed, so the patient schedules an appointment with a local reference lab
• Once the lab tests have been completed, the reference lab uses secure email to electronically deliver the lab results to the primary care physician
Using GeorgiaDirect to Share Lab Results
Searching Electronic Patient Information

• Georgia ConnectedCare offers access to comprehensive patient information, including CCDs and longitudinal patient data
Patient Profile: Labs
### Patient Profile: Labs

#### BMET

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BUN</td>
<td>H</td>
<td>26</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CL</td>
<td></td>
<td>104</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO2</td>
<td></td>
<td>26</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K</td>
<td></td>
<td>4.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NA</td>
<td></td>
<td></td>
<td>L</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### CBC

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HCT</td>
<td>L</td>
<td>28.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Patient Profile: Lab Reports

**Demoski Changed, Helen**

Age / Gender: 65 Female  
DOB: 4/21/1950  
MRN: N/A

<table>
<thead>
<tr>
<th>CBC</th>
<th>Date: 11/5/2013 23:32:00</th>
<th>Accession Number: 6A23C1EC</th>
<th>Status Date: 11/5/2013 23:32:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acuity</td>
<td>Type</td>
<td>Value</td>
<td>Units</td>
</tr>
<tr>
<td>L</td>
<td>HCT</td>
<td>21.2</td>
<td>%</td>
</tr>
<tr>
<td>L</td>
<td>HGB</td>
<td>10.2</td>
<td>g/dL</td>
</tr>
<tr>
<td>H</td>
<td>WBC</td>
<td>16.6</td>
<td>K/µL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMET</th>
<th>Date: 11/5/2013 23:32:00</th>
<th>Accession Number: C26589F2</th>
<th>Status Date: 11/5/2013 23:32:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acuity</td>
<td>Type</td>
<td>Value</td>
<td>Units</td>
</tr>
<tr>
<td>N</td>
<td>K</td>
<td>4.2</td>
<td>mEq/L</td>
</tr>
<tr>
<td>N</td>
<td>CL</td>
<td>104</td>
<td>mEq/L</td>
</tr>
<tr>
<td>N</td>
<td>CO2</td>
<td>26</td>
<td>mEq/L</td>
</tr>
<tr>
<td>H</td>
<td>BUN</td>
<td>29</td>
<td>mg/dL</td>
</tr>
<tr>
<td>L</td>
<td>NA</td>
<td>126</td>
<td>mg/dL</td>
</tr>
</tbody>
</table>
### CBC

**Date:** 3/27/2014 23:32:00  
**Status**: F  
**Acuity** | **Type** | **Value** | **Units** | **Normal Range** | **Status** | **Date**  | **Comment**  
--- | --- | --- | --- | --- | --- | --- | ---  
L | HCT | 28.6 | % | 37.0-47.0 | F | 3/27/2014 23:32:00 |  
L | MCH | 9.2 | pg | 25.5-30.5 | F | 3/27/2014 23:32:00 |  
H | WBC | 16.6 | K/μL | 4.0-10.8 | F | 3/27/2014 23:32:00 |  

### BMET

**Date:** 3/27/2014 23:32:00  
**Status**: F  
**Acuity** | **Type** | **Value** | **Units** | **Normal Range** | **Status** | **Date**  | **Comment**  
--- | --- | --- | --- | --- | --- | --- | ---  
N | K | 4.3 | mmol/L | 5.6-5.5 | F | 3/27/2014 23:32:00 |  
N | Cl | 104 | mmol/L | 85-107 | F | 3/27/2014 23:32:00 |  
N | CO2 | 26 | mmol/L | 22-51 | F | 3/27/2014 23:32:00 |  
H | BUN | 5 | mmol/L | 3.5-8.1 | F | 3/27/2014 23:32:00 |  
L | NA | 136 | mmol/L | 137-145 | F | 3/27/2014 23:32:00 |  

### BMET

**Date:** 3/27/2014 12:09:00  
**Status**: F  
**Acuity** | **Type** | **Value** | **Units** | **Normal Range** | **Status** | **Date**  | **Comment**  
--- | --- | --- | --- | --- | --- | --- | ---  
N | K | 4.3 | mmol/L | 5.6-5.5 | F | 3/27/2014 12:09:00 |  

---

**Patient Profile: Lab Reports**
But What If a Provider Doesn’t Have Access to the CCD?

Applies to providers who:

- X May not have an EHR
- X May not have access to GaHIN
- X May be able to access GaHIN but not contribute
- X May be in another state
Making a Copy of Lab Results Available

- You receive results on the lab tests you have ordered
- A copy of your patient’s lab results are placed into a new GaHIN searchable database
  - GaHIN indexes patient data – the data remains with the original provider
  - Patient data is compiled when a query is submitted
  - This is the first time GaHIN has stored data
Why Participate?

It takes just five minutes to opt in to share your patients’ lab reports, but the impact is long lasting.

**Saves time** – your staff doesn’t have to search and forward lab reports through GeorgiaDirect, mail or fax.

**Increases patient satisfaction** – patient doesn’t have to pick up and hand deliver results to another physician.

**Reduces costs** by eliminating unnecessary and redundant testing.
How to Opt In – Online

1. Go to the GaHIN website
2. Locate the authorization page
3. Read the Terms of Use
How to Opt In – Online

4. Fill out the form at the bottom of the page
# How to Opt In – Online

## Lab Results – Provider Consent Form

Items marked with * are required.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Practice</td>
<td></td>
</tr>
<tr>
<td>Quest Account Number(s)</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Address 2</td>
<td></td>
</tr>
<tr>
<td>City/Town</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>Georgia</td>
</tr>
<tr>
<td>ZIP/Postal Code</td>
<td></td>
</tr>
<tr>
<td>First Name</td>
<td></td>
</tr>
<tr>
<td>Last Name</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>Email Address</td>
<td></td>
</tr>
</tbody>
</table>

Fill in the required fields and submit the form. 

---

555-555-5555
How to Opt In – Online

Signature *

Use your mouse, trackpad or screen to sign your signature.

Participant understands that the Exchange will not deliver the official charitable report of laboratory testing results that complies with applicable reporting laws or otherwise meets the Participant's needs. Please contact your Quest Account Representative to establish the Quest means to deliver your official charitable report of the laboratory result.

Your Initials *

Date Signed *

[ ] Email me a copy of this form

[ ] I'm not a robot

Submit
How to Opt In – Paper

• If you prefer to sign up via mail or email, you can print out a PDF version of the form and email it to GaHIN
• The PDF, email address and mail address are available on the GaHIN site
Accessing Lab Data

• Access the copy of the patient’s lab test results (provided by Quest Diagnostics) through the GaHIN Clinical Viewer

• The lab test results provided by Quest Diagnostics are identified by report header information as shown below:
# Sample Lab Report – Available Online and Downloadable

## Quest Diagnostics Patient Summary Document

Created on December 4, 2018

### Table of Contents

- Problem list
- Allergies and adverse reactions
- Relevant diagnostic tests/laboratory data
- History of Medication use

#### Problem list

**Selection Criteria**
- Date Range: 03/09/2017 01:29:51 PM EST to 12/04/2019 01:29:51 PM EST

<table>
<thead>
<tr>
<th>DATE</th>
<th>PROBLEM</th>
<th>TYPE</th>
<th>RESOLVED DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Allergies and adverse reactions

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SUBSTANCE</th>
<th>ALLERGY SEVERITY</th>
<th>REPORTED DATE</th>
<th>REACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Known Allergies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Relevant diagnostic tests/laboratory data

**Selection Criteria**
- Date Range: 03/09/2017 01:29:51 PM EST to 12/04/2019 01:29:51 PM EST

<table>
<thead>
<tr>
<th>TEST</th>
<th>DATE</th>
<th>VALUE</th>
<th>ACUITY</th>
<th>NORMAL RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WBC</td>
<td>08/16/2019 04:44:59 PM EDT</td>
<td>TNN105 N</td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>RBC</td>
<td>08/16/2019 04:44:59 PM EDT</td>
<td>DNRTP N</td>
<td></td>
<td>N</td>
</tr>
<tr>
<td>HGB</td>
<td>08/16/2019 04:44:59 PM EDT</td>
<td>DNRTP N</td>
<td></td>
<td>N</td>
</tr>
</tbody>
</table>

#### History of Medication use

**Selection Criteria**
- Date Range: 03/09/2017 01:29:51 PM EST to 12/04/2019 01:29:51 PM EST

<table>
<thead>
<tr>
<th>DATE</th>
<th>DESCRIPTION</th>
<th>ORDER TEXT</th>
<th>DOSE</th>
<th>FREQUENCY</th>
<th>STATUS</th>
<th>DISPOSITION</th>
</tr>
</thead>
</table>

**Drug Treatment Unkown**

**QUESTIONS TO GEORGIA HEALTH INFORMATION NETWORK**

**GENERATED ON DECEMBER 4, 2018, 12:30 PM**
Summary

• Proven value – clinical and financial – in sharing lab results
  – Speeds care delivery based on comprehensive patient information
  – Reduces need for duplicate testing
• In Georgia, electronic sharing already available
  – GeorgiaDirect
  – Georgia ConnectedCare
• Now connected to Quest for additional electronic sharing
  – Opt in now to share copies of your patients’ Quest lab results
  – Next steps will be connecting to LabCorp and independent labs
Please participate in the brief survey following this webinar.
Future Webinars

Webinars are usually held on the fourth Wednesday of the month at 11:30 AM

Feb 26  How Grady Is Using GaHIN to Improve Care
March 25  Balancing Privacy and Access in Digital Health
April 22  Accessing GaHIN through GAMMIS (begins at 11:00)
May 27  Digital Health Trends – Insights from HIMSS20

Register
QUESTIONS??

Georgia Health Information Network
Thank you!