Introduction to EHR/EMR Integration
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GLHC Senior Director, Program & Technical Operations
SESSION GOALS

What is EHR/EMR Integration?
Who Can I Integrate With?
How Does it Work?
How Do I Get Connected?
Open Forum
AUDIENCE

Participating with GLHC?
Organization type?
Currently using an EMR?
EHR vs. EMR

EHR - Electronic Health Record
EMR - Electronic Medical Record
Wikipedia definition
EHR vs. EMR

“An electronic health record (EHR), or electronic medical record (EMR), refers to the systematized collection of patient and population electronically-stored health information in a digital format.[1] These records can be shared across different health care settings. Records are shared through network-connected, enterprise-wide information systems or other information networks and exchanges. EHRs may include a range of data, including demographics, medical history, medication and allergies, immunization status, laboratory test results, radiology images, vital signs, personal statistics like age and weight, and billing information.[2]

https://en.wikipedia.org/wiki/Electronic_health_record, retrieved on 08/03/2015

They are used interchangeably
WHAT IS EMR INTEGRATION?

Seamlessly sharing patient healthcare data from one electronic system to another

Patient demographics, medical history, medications, allergies, lab results, radiology results . . .

Standards – HL7
WHO CAN I INTEGRATE WITH?
PARTICIPANTS

Hospitals Contributing Various Patient Results Data

SPECTRUM HEALTH

HAYES GREEN BEACH MEMORIAL HOSPITAL

PENNOC HEALTH SERVICES

TRINITY HEALTH

SAINT MARY’S HEALTH CARE

Sparrow

ASCENSION HEALTH

McLAREN HEALTH CARE

Oakwood

HEALTH SYSTEM

MUNSON HEALTHCARE

HURLEY MEDICAL CENTER

PROMEDICA

Lakeland HealthCare

MidMichigan Health

BORGESS

Henry Ford Health System

MetroHealth

Beaumont Hospital

Covenant HealthCare

North Ottawa Community Health System

GENESYS

ST. JOHN PROVIDENCE HEALTH SYSTEM
EMR Vendors

Connected to GLHC for results delivery
Paul Riker
GLHC EMR Interface
Solution Specialist
EMR Integration

How Does It Work?
EMR Integration
EMR Integration
EMR Integration

How Does It Work?

Hospital

GLHC

Laboratory
Radiology
Transcription

Hospital

Laboratory
Radiology
Transcription

Hospital

Laboratory
Radiology
Transcription

EMR

Physician Office

Laboratory
Radiology
Transcription
WHAT INFORMATION IS EXCHANGED?
**Laboratory XYZ**

**Lab Result**

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
<th>Cutoff</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphetamine</td>
<td>100 mg/mL</td>
<td>Negative</td>
<td></td>
</tr>
<tr>
<td>Methamphetamine</td>
<td>10 mg/mL</td>
<td>Negative</td>
<td></td>
</tr>
<tr>
<td>Cocaine</td>
<td>22 ng/mL</td>
<td>Positive</td>
<td></td>
</tr>
<tr>
<td>THC</td>
<td>10 ng/mL</td>
<td>Negative</td>
<td></td>
</tr>
<tr>
<td>Quinones</td>
<td>10 mg/mL</td>
<td>Negative</td>
<td></td>
</tr>
</tbody>
</table>

Reviewed By:

Sam Smith, MD
Example

Hospital/Lab

GLHC

Practice
Missy Porter
GLHC Project Manager
How do you get connected?
NEXT STEPS

Contact your GLHC Implementation Consultant (IC)
How can GLHC partner with you?
What questions do you have?
Visit our website: www.gl-hc.org

Speak to our staff: (844) GLHC-HIE

Info@gl-hc.org
Thank you!