About CRISP

Regional Health Information Exchange (HIE) serving Maryland, West Virginia, and District of Columbia.

Vision: To advance health and wellness by deploying health information technology solutions adopted through cooperation and collaboration

<table>
<thead>
<tr>
<th>Providers Sharing Data</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospitals (MD, WV, DC)</td>
<td>100+</td>
</tr>
<tr>
<td>Ambulatory Practices</td>
<td>1,500+</td>
</tr>
<tr>
<td>Skilled Nursing Facilities</td>
<td>200+</td>
</tr>
<tr>
<td>Home Health, ESRD, Hospice</td>
<td>60+</td>
</tr>
</tbody>
</table>
CRISP Core Services

1. **POINT OF CARE:** Clinical Query Portal & In-context Information
   - Search for your patients’ prior hospital records (e.g., labs, radiology reports, etc.)
   - Monitor the prescribing and dispensing of PDMP drugs
   - Determine other members of your patient’s care team
   - Be alerted to important conditions or treatment information

2. **CARE COORDINATION:** Encounter Notification Service (ENS)
   - Be notified when your patient is hospitalized in any regional hospital
   - Receive special notification about ED visits that are potential readmissions
   - Know when your MCO member is in the ED

3. **POPULATION HEALTH:** CRISP Reporting Services (CRS)
   - Use Case Mix data and Medicare claims data to:
     - Identify patients who could benefit from services
     - Measure performance of initiatives for QI and program reporting
     - Coordinate with peers on behalf of patients who see multiple providers

4. **PUBLIC HEALTH SUPPORT:**
   - Deploying services in partnership with Maryland Department of Health
   - Pursuing projects with the District of Columbia Department of Health Care Finance
   - Supporting West Virginia priorities through the WVHIN

5. **PROGRAM ADMINISTRATION:**
   - Making policy discussions more transparent and informed
   - Supporting Care Redesign Programs
22 of 24 EMS programs are participating with CRISP

Current Technology:
- Receiving ADT/MDM for EMS events in MD
- Receiving NEMSIS data for EMS events in DC
- EMS report must meet threshold of short form completion to trigger report (or sent after 24 hrs)

Technology Updates:
- Receive EMS data in NEMSIS standard
- Integrate CRISP Portal access within EMS System (ImageTrend)
EMS Engagement

Live Use Cases:
• EMS short form report viewable in CRISP Portal
• EMS using CRISP Portal for QI purposes
• Mobile Integrated Health using CRISP Portal
• EMS data triggers real-time notification via ENS
• Mobile integrated health using ENS, CRISP Portal, Pre/Post report

Future use cases:
• Send EMS overdose events to Local Health Departments
• File EMS report into hospital EHR for Joint Commission
• Send EMS diabetic shock events to PCP/Care Manager
• Provide paramedics access to CRISP Portal
EMS Engagement – ENS

### DEMOGRAPHICS
- Primary Care Provider: Dr. Frankenstein
- Gender: F
- Facility Type: 
- City: Atlanta
- Home Phone: 404-590-3733
- Work Phone: 571-387-7010
- PCP Phone: 
- Care Manager Phone: 
- Care Manager Email: 
- MRN: 1028
- Date of Birth: 10/03/1934
- Address: 37 Corry Avenue
- State: Georgia
- Zip Code: 30392
- Cell Phone: 520-167-6593
- Email: 

### MOST RECENT EVENT
- Hospital Service: 
- Discharge to Location: null
- Point of Care: DCFEMS
- Admit Source: 
- Admit Date/Time: 09/18/2019 02:02 PM
- Diagnosis/Description: Allergic Reaction
- Discharge Date/Time: 
- Event Date/Time: 09/18/2019 02:02:02 pm
- Patient Complaint: Vomiting
- Patient Class: AE
- Event Type: EMS
- Discharge Disposition: Treated, Transported by This Unit
- Diagnosis Code: Allergic Reaction

### EVENT HISTORY

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Event Description</th>
<th>DCFEMS</th>
<th>AE</th>
<th>EMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/18/2019 02:02 PM</td>
<td>Allergic Reaction</td>
<td>DCFEMS</td>
<td>AE</td>
<td>EMS</td>
</tr>
<tr>
<td>09/13/2019 01:13 PM</td>
<td>R06.2 J44.1</td>
<td>DCFEMS</td>
<td>AE</td>
<td>EMS</td>
</tr>
<tr>
<td>09/17/2019 02:02 PM</td>
<td>Allergic Reaction</td>
<td>DCFEMS</td>
<td>AE</td>
<td>EMS</td>
</tr>
</tbody>
</table>
Challenges & Lessons Learned

• Getting Participation Agreements Signed
• Standards used for data exchange
• EMS data patient matching
• Timing of report completion and alignment with use cases