The Future of HIM and the Da Vinci FHIR Acceleration Project
What is the Da Vinci Project?

• A private sector initiative comprised of industry leaders and health IT technical experts

• A process that enables payers, health systems, and other industry participants to identify and create use cases that involve managing and sharing clinical and administrative data between industry partners

• Straightforward, and is already working
What is the goal of the Da Vinci Project?

To help payers and providers to positively impact clinical, quality, cost and care management outcomes by enabling providers and payers to see the right data at the right time for patient-centered care – along with payment and coverage data.
Opportunities for Health Information Leaders are Countless

• The release of the long awaited ONC rule on interoperability and patient information blocking highlights a future that needs health information professionals more than ever. Together, we need to seize this opportunity!

• If the healthcare system is able to advance the Triple Aim and value-based care, AHIMA and the HIM profession need to make significant contributions across the health data interoperability landscape in order to improve quality, affordability and patient safety, while ensuring consumers have timely access to their health information at all times.
Current State Example: prior authorization

One of the use cases the Da Vinci Project will share is the prior authorization process

- Think about this process as it currently exists:
  - You’re at the doctor’s office
  - He/she wants to order an MRI
  - Doesn’t know if your insurance covers the exam, so doesn’t order just yet
  - Tells you his office will call the insurance company to get a prior auth number and notify you when they get the number from the insurance company
  - You go home and wait
  - Office sends request to Insurance company
  - Insurance company needs more info
  - Office sends additional info
  - And on and on and on and on, while care is delayed to accommodate
Da Vinci Use Case: prior authorization

• Physician orders MRI while you’re in the exam room
• System knows what insurance you have and sends message to carrier with order. It also knows what information the carrier needs and sends that as well.
• A series of back and forth messaging occurs, ending with a completed authorization issued from the carrier after both coverage, payment and clinical documentation has been exchanged.
• Most of this happens behind the scenes with limited human interaction.
• Estimated to save providers over 16 hours per week.
Da Vinci – Why HIM Involvement

Does that sound amazing? **YES!**

Should any of the following be occurring **without the input of HIM professionals?** **NO!**

- Discovery process
- Identification of needed information or
- Decisions about the sharing of clinical information in this use case or any of the other use cases

Let’s get involved!!!
Da Vinci Use Case Inventory

**PROJECT PROCESS**
Define requirements (technical, business and testing)
- Create Implementation Guide
- Create and test Reference Implementation (prove the guide works)
- Pilot the solution
- Deploy the solution

<table>
<thead>
<tr>
<th>Process</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Ballot Process through HL7</td>
<td></td>
</tr>
<tr>
<td>Targeted for September Ballot</td>
<td></td>
</tr>
<tr>
<td>In Discovery targeted for HL7 January Ballot</td>
<td></td>
</tr>
<tr>
<td>Use cases in discovery (some may be balloted in January 2020)</td>
<td></td>
</tr>
</tbody>
</table>

**2019 USE CASE INVENTORY & STATUS**

- Data Exchange for Quality Measures
- Coverage Requirements Discovery
- Documentation Templates and Coverage Rules
- Health Record Exchange: Framework/Library
- Clinical Data Exchange
- Prior-Authorization Support
- Payer Data Exchange
- Payer Data Exchange: Provider Network
- Payer Data Exchange: Formulary
- Alerts/Notifications: Transitions in Care, ER admit/discharge
- Payer Coverage Decision Exchange
- Gaps in Care & Information
- Health Record Exchange: Patient Data Exchange
- Patient Cost Transparency
- Risk Based Contract Member Identification
- Performing Laboratory Reporting
- Chronic Illness Documentation for Risk Adjustment
Resources

Da Vinci Members and partners will host DEMONSTRATIONS, PANELS AND PRESENTATIONS on:

- Clinical and Payer Data Exchange and Member Access
- Burden Reduction for Prior Authorization
- Quality Data Exchange
- Risk Based Member Identification

Follow the HL7 Da Vinci 2020 Calendar to see schedules, register for sessions and stay up to date.

New to Da Vinci? Learn More – Get Involved – Join the Community: hl7.me/davincinews
Partial List of Da Vinci Members

- Anthem
- Blue Cross Blue Shield Association
- Blue Cross of Idaho
- Cambia Health Solutions
- Allscripts
- case.net
- Epic
- United Healthcare
- Optum
- Cerner
- Humana
- GuideWell
- Blue Cross Blue Shield of Alabama
- InterSystems
- Zeomega
- Cognosante
- Edifecs
- HealthLX
- Duxly
- Rush
- Independence
- CMS
- HCSC
- SureScripts