CAIR2 User Group Meeting

July 26, 2018
Agenda

Welcome
- Welcome new members
  - Co-Chair: Cecilia Sandoval, Chief, CAIR Provider Support Unit
  - Co-Chair: Michele Barkus, PHA
  - Moderator: Amy Pine, Immunization Coordinator, CIC Board member

July 26th Meeting Notes
- Approve?

Prioritization of Improvements/Enhancements (Survey Monkey)
- Review ranking and expectations

Double Data Entry
- Discuss possible solutions

Managing Patients (Demo)

Open Forum
- Questions

Adjourn

Next meeting: Thursday, August 23rd at 1:30 pm
Meeting Minutes 6/28

• Edits or modifications
• Questions
• Approve?
1. Update Inventory accordingly when vaccine charted in EHR

<table>
<thead>
<tr>
<th></th>
<th>No Benefit</th>
<th>Modest Benefit</th>
<th>Significant Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Experience</td>
<td>🟢</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>Clinical Impact/Patient Care</td>
<td>🟢</td>
<td>🟢</td>
<td></td>
</tr>
<tr>
<td>Improves Data Quality and Promotes Usage</td>
<td>🟢</td>
<td>🟢</td>
<td>🟢</td>
</tr>
</tbody>
</table>

Comments

* This is a prioritization task that needs to be completed immediately.
9. Relationship between CAIR1 patient ID numbers and CAIR2, this would allow for accurate patient records and eliminate duplications

<table>
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</tr>
</tbody>
</table>

Comments


**Prioritization of Improvements/Enhancements**

<table>
<thead>
<tr>
<th>31. Require VCF providers to use CAIR2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No Benefit</strong></td>
</tr>
<tr>
<td>User Experience</td>
</tr>
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</tr>
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Comments

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*Note: The table indicates the level of benefit for each improvement/enhancement.*
Double Data Entry

1. EHR does not send doses quickly enough so clinic is entering doses manually so patient can leave with an updated ‘Yellow Card’.

Solution: Print an immunization history report directly from your EHR rather than a ‘Yellow Card’ from CAIR2. An EHR immunization history report is acceptable for enrollment in California schools.
2. EHR is not sending ‘historical’ doses so staff enter them manually into CAIR2 so the record is complete.

Solution: Ask your vendor to set up your EHR to send complete patient histories each time you enter a new dose. That way all the vaccine doses that are in your EHR (including ‘historical’) will be sent to CAIR2. Several EHR senders are now doing this.
3. **EHR connection is not working at all or inconsistently working.**

**Solution:** Monitor your EHR submissions, either in your own EHR, or in CAIR2 using the ‘**Check Status**’ screen. Regularly checking your clinic’s data exchange activity helps determine if there are connectivity issues and also ensures that your EHR continues to submit quality data to CAIR2. For instruction on how to use CAIR2’s ‘Check Status’ screen, see this [video](#) or [Quick Guide](#). Contact the DX Team ([CAIRDataExchange@cdph.ca.gov](mailto:CAIRDataExchange@cdph.ca.gov)) for assistance if you discover that your EHR is not sending doses properly.
Double Data Entry

4. EHR is sending doses but some are not being added to the patient record.

Solution: If you know that your EHR is connected and successfully submitting doses, a likely explanation is that some of your patients have duplicate records in CAIR2 and CAIR2 will not allow new doses for such a patient to be added. If you find duplicate patients in CAIR2, report them to the CAIR Help Desk (CAIRHelpDesk@cdph.ca.gov) so they can be merged.

If your clinic is manually entering doses for this reason, you should reconsider as the frequency of duplicates in CAIR2 is actually quite low - less than 1 in 50 patients (<2%) - so that the extra staff time spent manually entering doses into CAIR2 is largely wasted, given that 98% of the doses submitted by your EHR will be successfully added to the CAIR2 patient record.
Managing Patients - Demo

• Manage patient –
• Enter new patient –
• Patient search -
Manage Patients - Demo

• Manage patient
  – Allows you to search for a patient
  – Once patient found, it takes you to the update patient screen
Manage Patients - Demo

Update Patient

Personal Information

* Last Name: SCOTT
* First Name: CHERYL

* Birth Date: 12/08/2008

Mother's Maiden Last

Mother's First Name: WANDA

Medical Record Number: 12345

Save

History/Recommend

Reports

Cancel

Last Updated by California Immunization Program on 07/25/2018

Patient AKA (0) ▼

Organization Information ▼

Patient Information ▼

Address Information ▼

Responsible Persons (0) ▼

Patient Comments (0) ▼

Patient Notes (0) ▼

Lock Record/Purge Immunizations ▼
Manage Patients – Demo

• Enter new patient
  – Allows you to enter the new patient directly
  – Any possible duplicates will be identified
  – Can override any potential duplicates
### Add Patient

**Personal Information**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Last Name</td>
<td></td>
</tr>
<tr>
<td>* First Name</td>
<td></td>
</tr>
<tr>
<td>Middle Name</td>
<td></td>
</tr>
<tr>
<td>Suffix</td>
<td></td>
</tr>
<tr>
<td>* Gender</td>
<td></td>
</tr>
<tr>
<td>Medi-Cal ID</td>
<td></td>
</tr>
<tr>
<td>Birth Order</td>
<td>(for multiple births)</td>
</tr>
<tr>
<td>Birth Country</td>
<td>UNITED STATES</td>
</tr>
<tr>
<td>Birth State</td>
<td></td>
</tr>
<tr>
<td>Mother's Maiden</td>
<td></td>
</tr>
<tr>
<td>Last Name</td>
<td></td>
</tr>
<tr>
<td>Parent's First Name</td>
<td></td>
</tr>
<tr>
<td>Medical Record Number</td>
<td></td>
</tr>
</tbody>
</table>

**Patient AKA (0)**

**Organization Information**

**Patient Information**

- **Race (select all that apply):**
  - American Indian or Alaska Native
  - Asian
  - Native Hawaiian or Other Pacific Islander
  - Black or African-American
  - White
  - Other Race

- **Ethnicity:**
  - CAIR ID
  - CAIR:

- **School:**

- **Occupation:**
  - ENGLISH

- **Language Spoken:**

- **Patient Disclosure:**
  - Has Patient been Disclosed (O2/TB)? Yes
  - Disclosed Date: 07/25/2018

- **Disclosed By:**
  - DOH

- **Patient Sharing:**
  - Sharing Status? Yes
  - Effective Date: 07/25/2018

- **Updated By:**
  - DOH

### Patient Match Detected

- Based on the information you entered, the system has determined the patient may already exist in CAIR.
- Please review the demographic information for the patient below and if it does not appear to be your patient, you may then click the Create New Patient button.
- Please keep in mind that if you choose to ignore a patient match and create a new record, that patient will have two records in CAIR, neither of which will be complete and accurate!

**Possible Patient Matches:**

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Birth Date</th>
<th>Primary Medical Record Number</th>
<th>Mother's First Name</th>
<th>Gender</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCOTT</td>
<td>CHERYL</td>
<td>12/08/2008</td>
<td>12345</td>
<td>WANDA</td>
<td>F</td>
<td>A</td>
</tr>
</tbody>
</table>
Manage Patients – Demo

• Patient Search
  – Allows you to search for a patient
  – Once patient found, it takes you to the immunization history screen
  – Bypass the update screen when managing patient
Manage Patient - Demo

Patient Information

- Patient Name: Cheryl Scott
- DOB: 12/06/2000
- Gender: F
- Medical Record Number: 12345
- CAIR ID: 3293022
- Address: CA
- Home Phone/Cell Phone: 
- Comments: 

Current Age: 9 years, 7 months, 17 days

Patient Notes (0) view or update notes

Immunization History

- TB Test History

Immunization Record

<table>
<thead>
<tr>
<th>Vaccine Group</th>
<th>Date Admin</th>
<th>Series</th>
<th>Vaccine [Trade Name]</th>
<th>Dose</th>
<th>Owned?</th>
<th>Reaction</th>
<th>Hist?</th>
<th>Edit</th>
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</thead>
<tbody>
<tr>
<td>DTP/aP</td>
<td>06/08/2010</td>
<td>1 of 4</td>
<td>DTP</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>02/25/2012</td>
<td>2 of 4</td>
<td>DTaP</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>06/20/2012</td>
<td>3 of 4</td>
<td>DTaP</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10/14/2014</td>
<td>4 of 4</td>
<td>Tdap</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>09/01/2015</td>
<td></td>
<td>DTaP</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>09/23/2015</td>
<td></td>
<td>DTaP-IPV</td>
<td>Full</td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10/14/2015</td>
<td></td>
<td>Tdap</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11/03/2015</td>
<td></td>
<td>DTaP-HepB-IPV</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11/05/2015</td>
<td></td>
<td>DTaP-IPV/Hib</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11/12/2015</td>
<td></td>
<td>Td (adult), NOS</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11/13/2015</td>
<td></td>
<td>Tdap</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HepA</td>
<td>11/07/2015</td>
<td>1 of 2</td>
<td>HepA-HepB</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>07/08/2018</td>
<td>2 of 2</td>
<td>HepA, HepB, HepA</td>
<td>NOS</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Add New Imms
- Add Historical Imms
- Edit Patient
- Reports
- Print Record
- Print Confidential Record
Questions?
Next Meeting:
August 23, 2018
1:30 pm