Sharing Clinical Records: PCC’s Newest Interoperability Connection

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Learning Objectives

- Define interoperability and explain why it’s important to your practice and your patients
- Understand how C-CDA Documents support the exchange of patient data
- Describe Clinical Document Exchange, PCC’s newest interoperability solution
- Identify the steps for getting your practice started with Clinical Document Exchange
What is interoperability?

the ability of a system to work with or use the parts or equipment of another system
What is interoperability?

In healthcare...

the ability of different computer and software systems to communicate, exchange data, and use the information that has been exchanged
Why is interoperability important?

- Allows for more efficient access to data
- Saves time and resources
- Leads to safer transitions of care
- Produces better patient outcomes
- Reduces costs
How is PCC EHR interoperable today?

- Immunizations ➔ State Immunization Registries Forecasting
- Direct Secure Messaging
- E-lab Results
- eRx
- Insurance Eligibility
- C-CDA Interfaces
What is a C-CDA?

Clinical Document Architecture (CDA)
This is a standard.

Consolidated-Clinical Document Architecture (C-CDA)
This is an implementation guide that uses the CDA standard to specify a collection of clinical documents.
# C-CDA Documents

There are 12 types of C-CDA documents:

<table>
<thead>
<tr>
<th>Care Plan</th>
<th>Diagnostic Imaging Report</th>
<th>Operative Note</th>
<th>Referral Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consultation Note</td>
<td>Discharge Summary</td>
<td>Procedure Note</td>
<td>Transfer Summary</td>
</tr>
<tr>
<td><strong>Continuity of Care</strong></td>
<td>History &amp; Physical</td>
<td>Progress Note</td>
<td>Unstructured Document</td>
</tr>
</tbody>
</table>
C-CDA Documents contain sections.

- Sections are like building blocks.
- There are 70 sections!

Examples:

- Medications
- Immunizations
- Family History
- Procedures
- Vital Signs
- Encounters
- Nutrition
- Allergies & Intolerances
- Implants
- Social History
- Problem
- Review of Systems

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C-CDA Documents

For each document type, some sections are required and some are optional.

**Care Plan**

**Required**
- Goals
- Health Concerns

**Optional**
- Health Status Eval/Outcomes
- Interventions

C-CDAs can include additional sections, even above and beyond the sections defined as optional.
C-CDA Documents

For each document type, some sections are required and some are optional.

**Continuity of Care**

**Required**
- Allergies & Intolerances
- Medications
- Problem
- Procedures
- Results
- Social History
- Vital Signs

**Optional**
- Advance Directive
- Medical Equipment
- Encounters
- Mental Status
- Family History
- Nutrition
- Functional Status
- Payers
- Immunizations
- Plan of Treatment

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C-CDA Documents

Continuity of Care Document (CCD)

In PCC EHR, we also refer to this document as the Summary of Care Record.
C-CDAs combine human-readable text with machine-processable data.
Interoperability Best Practices

The data you share is only as good as the data you put into the system.

- Enter the data
- Be accurate
- Be complete
- Don’t use discrete data fields creatively
PCC’s Newest Interoperability Connection

Clinical Document Exchange

a system of standards for publishing, cataloging, and sharing clinical documents, which...

makes documents available for retrieval by authorized parties across the healthcare ecosystem.
What is Clinical Document Exchange?

**Step 1 - Patient Discovery**

- **Organization seeking Documents**: Hey third party, do you know my patient?
- **Organization that has Documents**: No
  - Yes, one match.
  - Yes, multiple matches.

**Step 2 - Find Documents**

- **Organization seeking Documents**: You seem to have my patient in your system. What documents are available for my patient?
- **Organization that has Documents**: Here is a list of documents that are available for the patient you specified. There are no documents for this patient.

**Step 3 - Retrieve Documents**

- **Organization seeking Documents**: I've selected the document(s) I want. Can you send me the document(s)?
- **Organization that has Documents**: Here is/are the document(s) you requested. I can't find the document(s).
Clinical Document Exchange: Two Halves of the Solution

**Initiator Role**

Organization seeking Documents

**Step 1 - Patient Discovery**

Hey third party, do you know my patient?

**Step 2 - Find Documents**

You seem to have my patient in your system.

What documents are available for my patient?

**Step 3 - Retrieve Documents**

I've selected the document(s) I want.

Can you send me the document(s)?

You can retrieve documents from other organizations in 2020!

**Responder Role**

Organization that has Documents

Yes, one match.

Yes, multiple matches.

No

**Step 1 - Patient Discovery**

Here is a list of documents that are available for the patient you specified.

There are no documents for this patient.

**Step 2 - Find Documents**

Here is/are the document(s) you requested.

I can't find the document(s).

Other organizations can retrieve documents from you.

*In pilot this summer!*
Why Clinical Document Exchange?

What is the problem in the industry?

The demands for clinical data from large healthcare systems threaten the independence of pediatricians.

How does Clinical Document Exchange solve the problem?

PCC ensures pediatricians’ independence by creating connections with large healthcare systems to improve the exchange of clinical data.

Your practice will be under less strain, relieved from pressure to join hospital systems.
Why, yes, I do.

Do you know the patient John Canning?

What documents do you have available for 'John Canning'?

A Summary of Care is available for 'John Canning'.

Please give me the Summary of Care for 'John Canning'.

Why, yes, I do.

Here is the Summary of Care for 'John Canning'.

Gateway

Initiating Gateway

Other EHR

Responding Gateway

PCC

User

PCC Client

PCC Client

PCC Client

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How does Clinical Document Exchange work?
How does Clinical Document Exchange work?

- Carequality has defined a **framework** that allows participating entities to exchange documents.
- Carequality is a framework, **NOT** a network.
- PCC is a *Carequality Implementer*.
- If your practice decides to participate in Clinical Document Exchange, it becomes a *Carequality Connection*. 

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Big names in the healthcare industry have already implemented this technology.

Carequality Implementers

Carequality Interoperability Framework Adopters

The adopters of the Carequality Interoperability Framework – and their clients – benefit from accelerated, less costly health data sharing agreements, because they no longer need to develop one-off legal agreements between individual data sharing partners.

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Who can retrieve documents from my practice?

Only other **Carequality-enabled** organizations can query for and retrieve clinical documents.

Carequality Implementers have been **vetted** as legitimate entities in healthcare and are **authorized** to participate in exchange activities within the Carequality community.
Who can retrieve documents from my practice?

Carequality Active Sites Search Tool

https://carequality.org/active-sites-search/
What documents can be retrieved from my practice?

- One **Summary of Care** document per patient is available for retrieval (when patient consent is Yes).

- When changes occur to a patient’s record, an updated copy is made available for retrieval.

  *PCC EHR does this automatically!*
Your participation in the Responder role of Clinical Document Exchange only requires that you record patient consent in PCC EHR.

- Consent status will determine whether or not a patient’s Summary of Care document can be retrieved by another organization.

- A patient’s Summary of Care document can be retrieved only when their consent is marked **Yes**.
How do I record patient consent in PCC EHR?
When you go-live with Clinical Document Exchange, PCC will set the consent status for all of your existing patients.

Your practice’s consent policy for CDE will determine the status of existing patients.

**What is your practice’s patient consent policy?**

<table>
<thead>
<tr>
<th>Opt-in</th>
<th>Opt-out</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient data will be shared only if and when a patient has given explicit consent.</td>
<td>Patient data will be shared unless and until a patient explicitly revokes consent.</td>
</tr>
</tbody>
</table>

PCC recommends your practice consider state specific laws and requirements regarding patient consent.
Are there any restrictions on document retrieval?

**Purposes of Use**

Coverage  Healthcare Operations  Patient Request

Payment  Public Health Activities  **Treatment**

PCC shares your patients’ clinical documents for **treatment** purposes only.
How do I get started with Clinical Document Exchange?

1. Find Out Who You Can Connect With  
https://carequality.org/active-sites-search/

2. Contact Your Client Advocate

3. Notify Carequality Enabled Organizations

4. Review and Sign the Carequality Connection Terms

5. Train with PCC

6. Schedule a Go-Live Date
Resources

PCC Learn

http://learn.pcc.com/help/clinical-document-exchange/
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Questions?

Contact your Client Advocate if you are interested in establishing connections with third parties.

http://www.pcc.com/interoperability

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