# **Sharing Clinical Records:** PCC's Newest Interoperability Connection

Jen Marsala 2019 Users' Conference Burlington, VT





# 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?

- State Immunization Registries
- Immunizations
- → Forecasting
- Direct Secure Messaging
- E-lab Results
- eRx
- Insurance Eligibility
- C-CDA Interfaces





# 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.





# There are 12 types of C-CDA documents:

	Care Plan	Diagnostic Imaging Report	Operative Note	Referral Note
	Consultation	Discharge	Procedure	Transfer
	Note	Summary	Note	Summary
	Continuity	History &	Progress	Unstructured
	of Care	Physical	Note	Document
-4				THRIVI



C-CDA Documents contain sections.

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

Plan of Treatment Reason for Referral

**Medications** Vital Signs Implants Reason for Referral **Immunizations** Encounters Social History Examples Problem Family History Nutrition Allergies & Review of **Procedures** Intolerances Systems Pediatric EHR Solutions

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



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





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

# **Continuity of Care**

<u>Required</u> Optional Allergies & Advance Medical Results Intolerances Directive Equipment Medications Social History Encounters Mental Status Problem Vital Signs **Family History** Nutrition Functional Procedures Payers Status Plan of Immunizations Treatment Pediatric EHR Solutions

# Continuity of Care Document (CCD)

### In PCC EHR, we also refer to this document as the **Summary of Care Record**.





# **C-CDA** Documents and Interoperability

#### C-CDAs combine human-readable text with machine-processable data.

<pre><pre>cpatient&gt;</pre></pre>	Summary of Care I
<pre><name><given>Todd</given><given>J</given><family>Gack</family></name> <administrativegendercode code="M" codesystem="2.16.840.1.113883.5.1"></administrativegendercode> <birthtime value="20080903"></birthtime></pre>	
<pre></pre>	Ethnicity Contact info Patient IDs Document Id Document Creates Performer (prima
<pre> </pre>	provider)
	Author Contact info
<author> <time< td=""> value="20190612140537-0400"/&gt;</time<></author>	
<pre><assignedauthor> <id root="2.16.840.1.113883.4.6"></id> <addr use="WP"><streetaddressline>20 Winooski Falls Way</streetaddressline><streetaddressline>city&gt;Winooski<state>VT</state><postalcode>05404-2228</postalcode></streetaddressline></addr></assignedauthor></pre>	Document mainta Contact info
<pre>adu; <telecom use="WP" value="tel:(800) 722-7708"></telecom> <assignedauthoringdevice> <manufacturermodelname>PCC EHR</manufacturermodelname> <softwarename>PCC EHR</softwarename> </assignedauthoringdevice> </pre>	Table of Conter           Allergies, as           History of r           Problem Lis           History of r           Relevant dis           Vital Signs           Social histor           Care Plan           History of r
	Encounters



#### tents

- adverse reactions, alerts
- f medication use List
- of procedures
- diagnostic tests and/or laboratory data
- story
- f immunizations
- counters
- Reason for Referral
- Functional status assessment
- Payers





# **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?



# Clinical Document Exchange: Two Halves of the Solution



Initiator Role

In pilot this summer!

**Responder Role** 





# 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.





### How does Clinical Document Exchange work?



### How does Clinical Document Exchange work?

# carequality

- 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*.





### **Carequality Implementers**





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!



Continuity of Care Document				
Patient Date of birth	Todd Gack July 16, 2008			
Sex	Male			
Race				
Ethnicity				
Contact info				
Patient IDs	3484 2.16.840.1.113883.3.2402.400.100.13			
Document Id	26fc2a86-7b47-40a4-8ada-7885b2f9388f			
Document Created:	April 29, 2019, 09:11:49 -0400			
Problem List				
History of pro Relevant diag Vital Signs Social history	ocedures gnostic tests and/or laboratory data			
History of pro Relevant diag Vital Signs Social history Care Plan	ocedures gnostic tests and/or laboratory data			
History of pro Relevant diag Vital Signs Social history	ocedures gnostic tests and/or laboratory data			
History of pro Relevant diag Vital Signs Social history Care Plan	ocedures gnostic tests and/or laboratory data			
History of pro Relevant diag Vital Signs Social history Care Plan History of im Encounters	ocedures gnostic tests and/or laboratory data Y imunizations			
History of pro Relevant diag Vital Signs Social history Care Plan History of im Encounters Reason for R	ocedures gnostic tests and/or laboratory data Y imunizations teferral			
History of pro Relevant diag Vital Signs Social history Care Plan History of im Encounters Reason for R	ocedures gnostic tests and/or laboratory data Y imunizations			

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?

Ρ

FIND Elaine Benes PCC# 3478	Demographics Elaine "La Communication Preferences Patient's Confidential Communication Preference No Preference	ney" Benes 12 yrs, 11 mos 5/1		
Medical Summary Demographics Forms Patient Demographics Communication Preferences Account Demographics Personal Contacts Policies Siblings Patient Portal Users Account Balances History Visit: 04/17/19 11-14 Yr Well - (client v. I)	Address 1029 149th Street New York, NY 10001 Phone Home Phone: 718-4350234 Work Phone: 718-233-2333 Cell Phone: 202-838-2342 Emg Phone: Email: jmarsala@pcc.com	FIND       Elaine Benes     PCC# 3478       Medical Summary       Demographics       EMG P       Accourt Demographics       At Las       Mother Demographics       At Las       Mother Personal Contacts       Pharma       Policies       Recent       Last Se       Last Se       Last Pe       Last In       Hold B       Budget       Visit: 04/17/19       11-14 Yr Well - (client v. l)	Immunization Registry Communication Preferences Share with Registry:   Undetermined Yes	No Undetermined
	FHR Solutions	• • •	EDITING Add Phone Note Add	Portal Message Close Save Save + Exit     PCC News Signed in: pcc at Winooski ●



### Patient Consent at your Practice

- 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?

#### Opt-in

Patient data will be shared only if and when a patient has given explicit consent.

#### Opt-out

Patient data will be shared unless and until a patient explicitly revokes consent.





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 <u>https://carequality.org/active-sites-search/</u>
- 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/



# 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







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

# http://www.pcc.com/interoperability

# jmarsala@pcc.com





