



NORTH CAROLINA HEALTH INFORMATION EXCHANGE AUTHORITY

Quarterly Teletown Hall Webinar
August 17, 2022

NC Medicaid
NC Health Information Exchange Authority

North Carolina Health Information Exchange Authority

Overview of Topics



- Introductions
- What's New with NC HealthConnex
- Overview: Tailored Care Management
- How the Use of NC HealthConnex Can Support Tailored Care Management
- Recent Questions
- Value of NC HealthConnex
- Questions

Introductions

North Carolina Medicaid

- Kelly Crosbie, MSW, LCSW – Chief Quality Officer
- Loul Alvarez, MPA – Associate Director, Population Health
- Sachin Chintawar – Data Science Manager

North Carolina Health Information Exchange Authority (NC HIEA)

- Kenya Servia, MPA – Business Development and Outreach Specialist
- Timothy Taylor, MHA – Application Systems Specialist (NC*Notify)
- Garrett Smith, MBA – Business Relations Manager
- Kim Webster, RN – Business Development and Outreach Specialist



What's New with NC HealthConnex



- Check out the latest NC HIEA [monthly update](#).
- The next NC HIEA Advisory Board Meeting will be Thursday September 15 from 2pm-5pm. [Registration details](#).
- Important Legal Updates as of July 2022
 - The enforcement mechanism is temporarily suspended “until a bill designating a lead agency responsible for enforcement of the Statewide Health Information Exchange Act is enacted into law.”
 - The connection deadline of January 1, 2023, remains unchanged.
 - In March 2023, the General Assembly will receive a report outlining the status of organizations that met – or failed to meet – the January 1, 2023, connection and submission deadline.



Tailored Care Management:

Transitional Care Management and Using ADT Information

Kelly Crosbie, MSW, LCSW – Chief Quality Officer

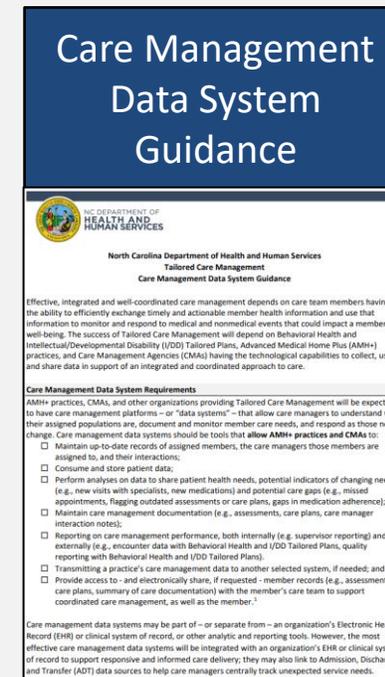
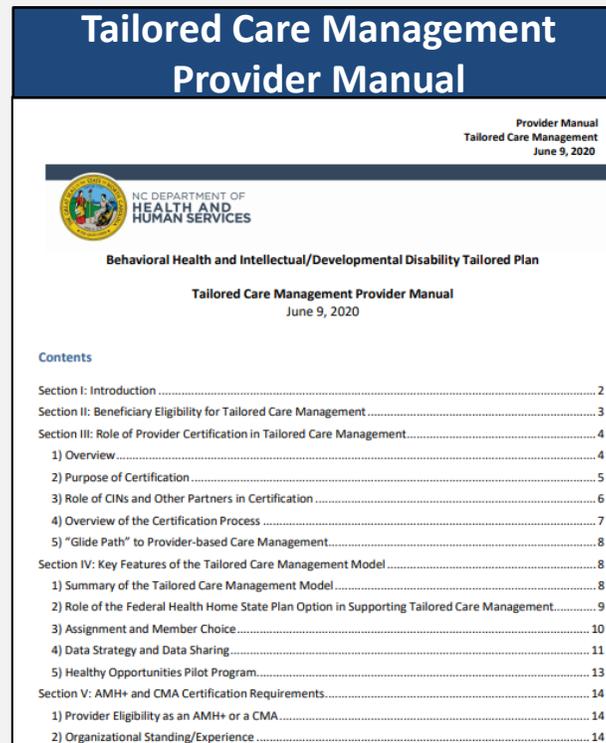
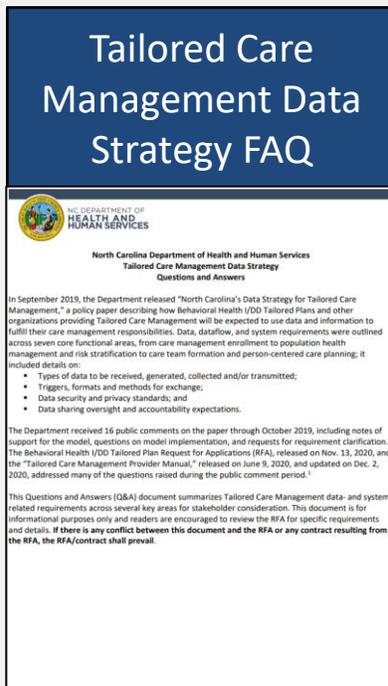
NC Medicaid

August 2022

**Tailored Care Management
Data Strategy Source Documents**

Tailored Care Management Data Strategy Source Documents

The Tailored Care Management Provider Manual is the primary source for AMH+ practice and CMA data exchange and HIT requirements. The Tailored Care Management Data Strategy FAQ and Care Management Data System Guidance may also be helpful resources.



1. North Carolina's "Tailored Care Management Provider Manual". December 2, 2020. <https://files.nc.gov/ncdma/Tailored-Care-Management-Provider-Manual20201202.pdf>
2. Tailored Care Management Care Management Data System Guidance. July 13, 2021. <https://medicaid.ncdhs.gov/tailored-care-management-data-system-guidance/>
3. Tailored Care Management Data Strategy FAQ. July 2021. <https://medicaid.ncdhs.gov/documents/tailored-care-management-data-strategy-questions-and-answers/>

Tailored Care Management HIT Systems Overview

AMH+ practices and CMAs must meet the following HIT requirements prior to Tailored Plan launch.



Use an electronic health record (EHR) or clinical system of record*



Use a care management data system



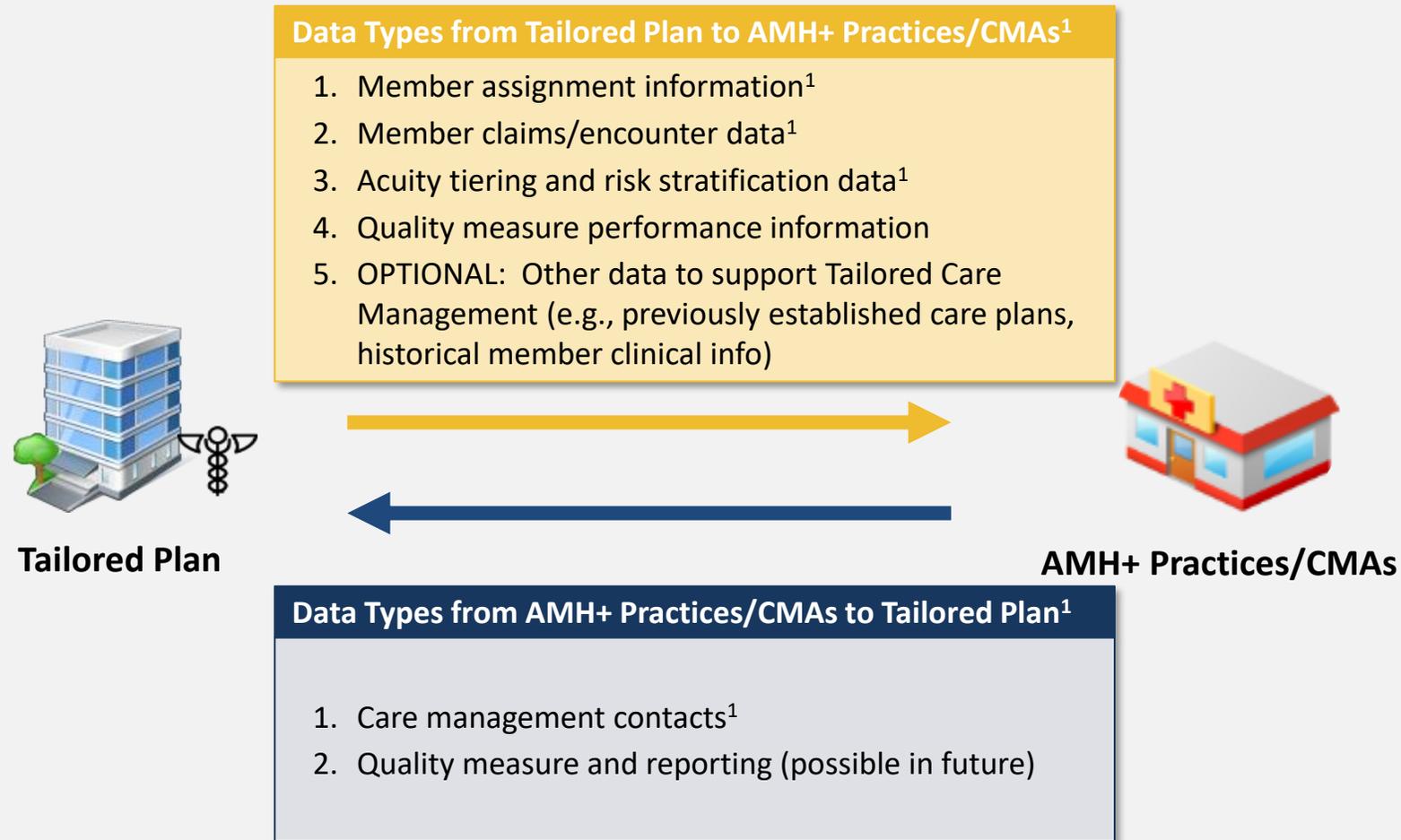
Use NCCARE360 (once operational)



AMH+ practices/CMAs may meet the HIT requirements by:

- (1) Implementing or using their own systems;
- (2) Partnering with a Clinically Integrated Network (CIN) or Other Data/Technology Partner; or
- (3) Using the Tailored Plan's care management data system

Data Exchange Requirements Overview



1. These data types will be shared through consolidated standard data interfaces <https://medicaid.ncdhhs.gov/tailored-care-management/tailored-care-management-data-specifications-guidance>.

2. DHHS is working on standardizing the sharing of care needs and assessment data.

AMH+ Practice/CMA Data Acquisition & Use

Data-Driven Tailored Care Management Functions

AMH+ practices and CMAs will be expected to consume, analyze, and apply the following types of data to support critical Tailored Care Management program functions:



Member clinical, claims, and encounter data will be used to guide care manager assignment, inform the care management comprehensive assessment, aid in developing actionable care plans or individual support plans (ISPs), and support ongoing care management (e.g., providing information on member diagnoses, medications, and active treatments).



Today's Focus with the NCHIEA

Admission, Discharge, and Transfer (ADT) information will be used to identify when members are transitioning into or out of the hospital and trigger systematic, clinically appropriate processes to support care transitions.

WHY DOES ADT MATTER FOR TAILORED CARE MANAGEMENT?

TCM Providers are Responsible to Support Members During Transitions

AMH+ practices, CMAs, and Tailored Plans delivering Tailored Care Management must conduct *transitional care management* during the following transitions from a clinical or residential setting, as well as life transitions.

Clinical or Residential Transitions

- **Transitioning out of hospital (inpatient or emergency department [ED] visit) to the community**
- Transitioning out of residential setting to the community
- Transitioning between clinical and/or residential settings

Life Transitions

- Transitioning out of school-related services
- Life changes with employment, retirement, or other life events
- Loss of or change in primary caregiver
- Transitioning out of foster care

Care managers are also responsible for care management when a person is hospitalized or in a residential setting (e.g., visiting the member, reviewing the discharge plan with the member) to prepare the member for successful transition.

Reassessments and Care Plan/ISP Updates

The following transitions or “triggering events” will prompt reassessments and/or care plan/ISP updates.

- **Inpatient hospitalization**
- **Two ED visits since the last care management comprehensive assessment or reassessment**
- Involuntary treatment episode
- Other change in circumstances requiring increased or decreased need for care (e.g., transition into or out of an institution, loss of a family/friend caregiver)
- Becoming pregnant and/or giving birth
- Loss of housing
- Foster care involvement
- Use of behavioral health crisis services
- Arrest or other justice system involvement

Transitional Care Management Functions

Organizations providing Tailored Care Management must manage care transitions for members by making best efforts to conduct the following activities.



Assign a care manager to manage the transition and have care manager/care team member **visit the member** during institution stay and on discharge day



Conduct outreach to the member's providers, review discharge plan with the member and facility staff, and **facilitate clinical handoffs**



Assist the member in obtaining medications prior to discharge and with medication reconciliation/management and medication adherence



Create, communicate/educate member and caregivers/providers about, and **implement a 90-day transition plan** outlining how the member will maintain/access needed services and supports, transition to the new care setting, and integrate into his or her community



Facilitate arrangements for transportation, in-home services, and follow-up outpatient visits within seven days



Follow up with the member within 48 hours of discharge and arrange to **visit the member** in the new care setting after discharge/transition



Conduct a care management comprehensive assessment within 30 days of the discharge/transition, or update the current assessment



Update the member's care plan or ISP within 90 days of the discharge/transition

Identifying Individuals in Transition

The care team must access admission, discharge, transfer (ADT) data that correctly identifies when members are admitted, discharged, or transferred to or from an ED or a hospital in real time or near-real time.

Organizations providing care management must implement a systematic, clinically appropriate process with designated staffing for responding to certain high-risk ADT alerts, including:



Real-time response to notifications of ED visits – e.g., contacting the ED to arrange rapid follow-up



Same-day or next-day outreach for designated high-risk subsets of the population



Additional outreach within several days after the alert to address outpatient needs or prevent future problems for other individuals who have been discharged from a hospital or an ED

Example Scenario 1

Member is enrolled in a Tailored Plan and selects AMH+ practice as her care management provider.



- Member**
- Individual with very low income, eligible for Medicaid
 - History of opioid use disorder, not on medication-assisted treatment
 - Stable, now in outpatient SUD care after SAIOP, but at risk for relapse



- Scenario**
- Injured in car crash
 - Discharged from ED with nonoperative fracture
 - At risk of untreated pain or relapse due to self-medication

Example Scenario 1 – *continued*

AMH+ practice has partnered with a CIN/Other Partner to support care management for HIT requirements, including access to ADT alerts.

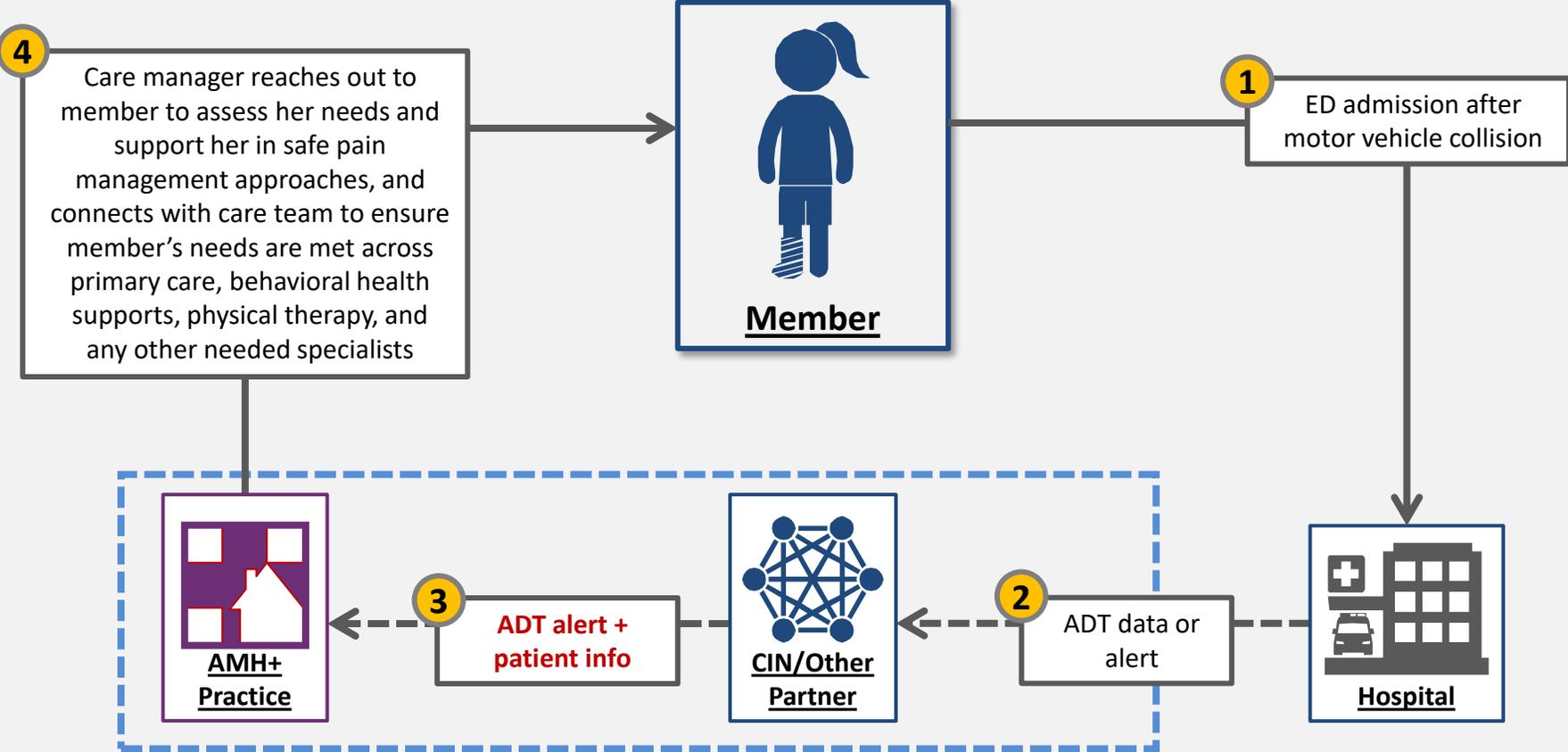


- AMH+ Practice**
- Conducts care planning
 - Has care management staff in-house
 - Leads transitional care management with assistance from CIN/Other Partner

- CIN/Other Partner**
- Aggregates data from Tailored Plan
 - **Receives high-risk ADT alerts**
 - Delivers panel-specific information that may be incorporated into AMH+ practice workflows

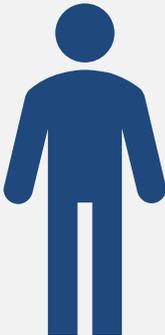
Example Scenario 1 – *continued*

After ED discharge, AMH+ practice engages in transitional care management to ensure member has good pain relief and avoids relapse.



Example Scenario 2

Member is enrolled in a Tailored Plan and selects a CMA as his care management provider.



Member

- Individual with bipolar disorder and long-term use of lithium medication, as well as kidney disease

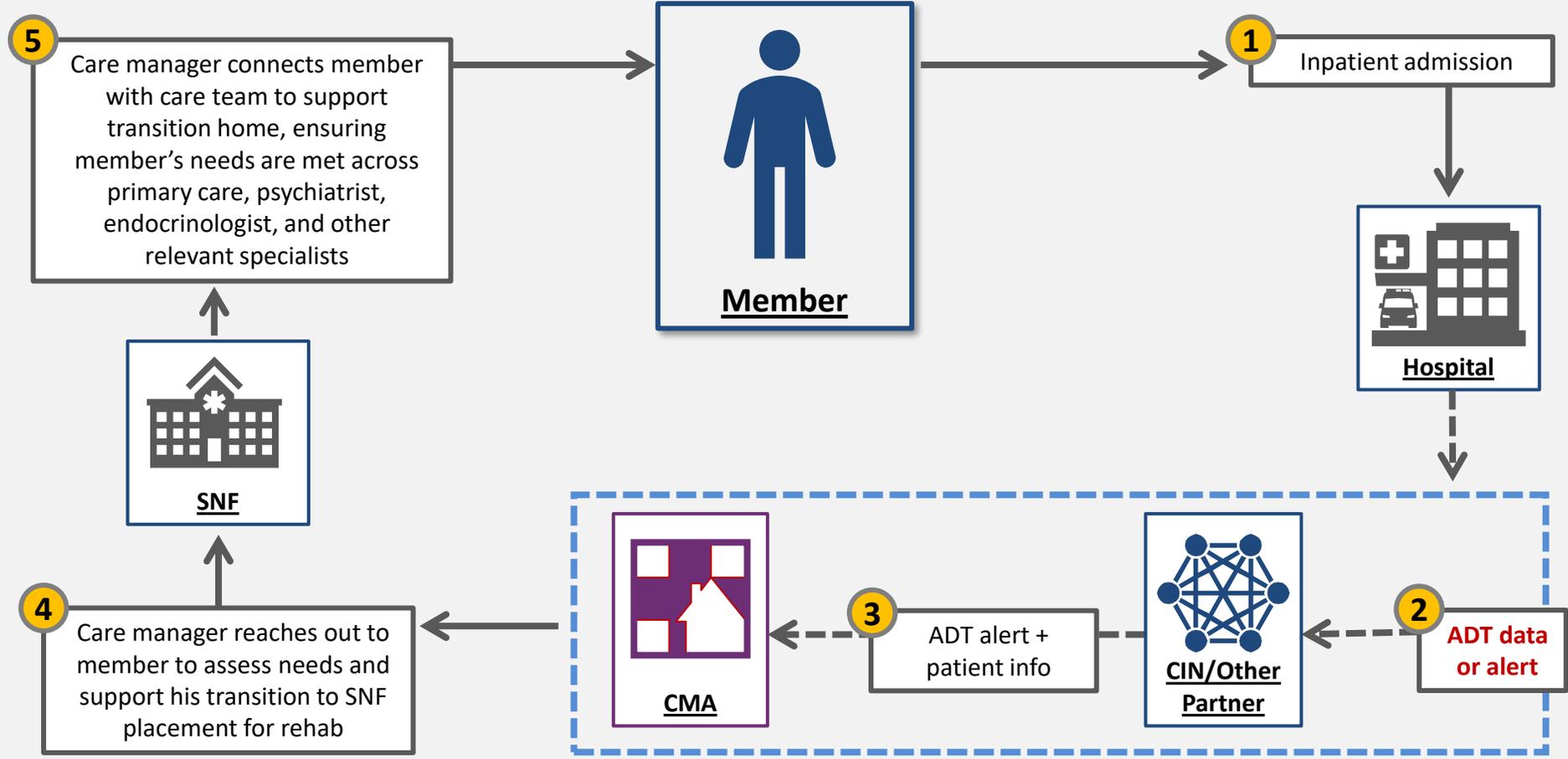


Scenario

- **Hospitalized** due to uremia (caused by kidney dysfunction), low blood pressure, and mental status changes
- Requires transition to short-term skilled nursing facility (SNF) for rehab and transition back home with dialysis

Example Scenario 2 – *continued*

After hospital discharge, CMA engages in transitional care management to ensure member's care is coordinated across transitions to the SNF and back home.





AN OVERVIEW OF THE NC HEALTH INFORMATION EXCHANGE AUTHORITY

Kenya Servia, MPA
Business Development and Outreach Specialist
NC Health Information Exchange Authority

The Vision for Integrated Care, Whole Person Care

Effective, integrated and well-coordinated care management depends on care team members having the ability to efficiently exchange member/patient health information and use that information to monitor and respond to medical and nonmedical issues that could impact beneficiaries.

How Can Use of an HIE Support This Vision?

What Is a Health Information Exchange (HIE)?

A health information exchange (HIE) is a secure, electronic network that gives authorized health care providers the ability to access and share health-related information across a statewide information highway.



Who We Are



STATE DESIGNATED



SECURE



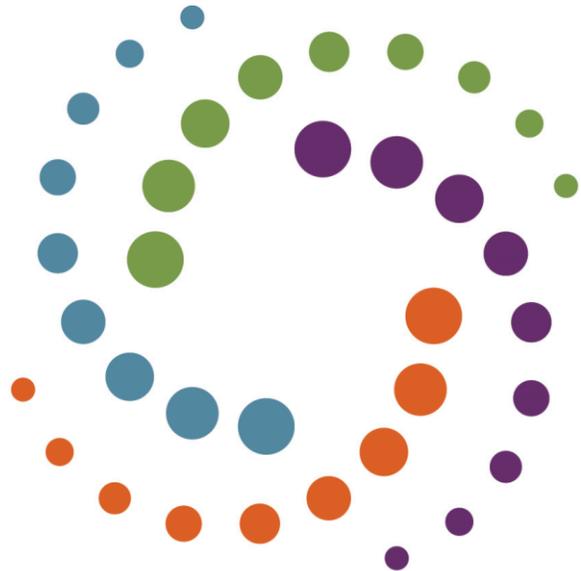
PARTNERSHIP

- The North Carolina General Assembly created the North Carolina Health Information Exchange Authority (NC HIEA) in 2015 to facilitate the creation of a modernized HIE to better serve North Carolina's health care providers and their patients.
(NCGS 90-414.7)
- NC HIEA is housed within the N.C. Department of Information Technology's (NCDIT) Government Data Analytics Center (GDAC).
- Our technology partner is SAS Institute.
- A 12-member Advisory Board is made of health care representatives, including the N.C. Department of Health and Human Services secretary, NCDIT secretary and GDAC director.



NC HealthConnex by the Numbers

We connect health care providers to safely and securely share health information through a trusted network to improve health care quality and outcomes for North Carolinians.

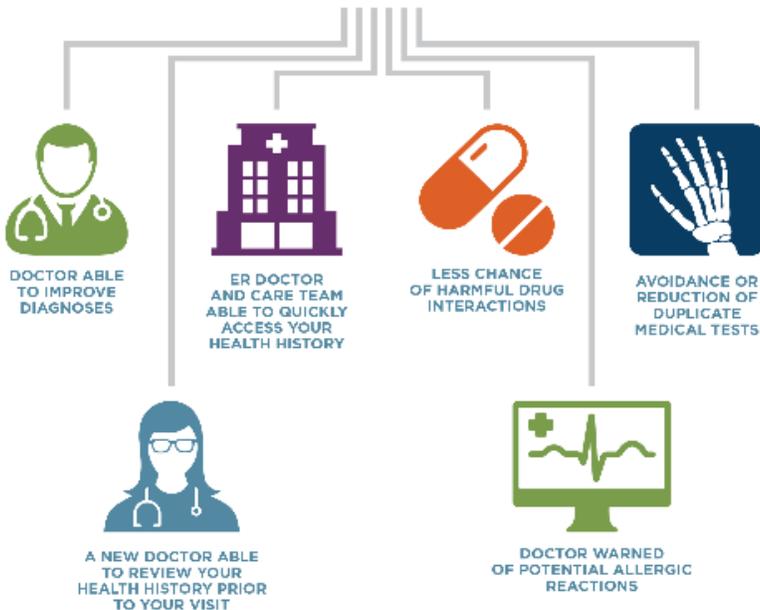


NC HealthConnex By the Numbers:

- 60,000+ providers with contributed records
- 3,000+ behavioral health participants
- 8,000+ health care facilities live submitting data, including 140 hospitals
- 5,000+ health care facilities in onboarding
- 150 million+ continuity of care documents (CCDs)
- 11 million+ unique patient records with clinical documents
- 80 Electronic Health Record (EHR) vendors live
- 22+ border and interstate HIEs connected via the eHealth Exchange and Patient Centered Data Home, including the U.S. Veterans Affairs and Department of Defense

Health Information Exchange

Benefits



- ✓ A full “picture” of a person’s health, including ambulatory visits, hospitalizations and medications
- ✓ Reduction in valuable staff time spent phoning and faxing other providers involved in a patient’s care to track down health information
- ✓ Timely access to important health events as they happen to patients (near, real-time notifications)
- ✓ Improved, more accurate and timely medication reconciliation that reduces errors and avoids unnecessary tests
- ✓ Access to test results, reducing costly duplicative tests and gaps in treatment



Exchange

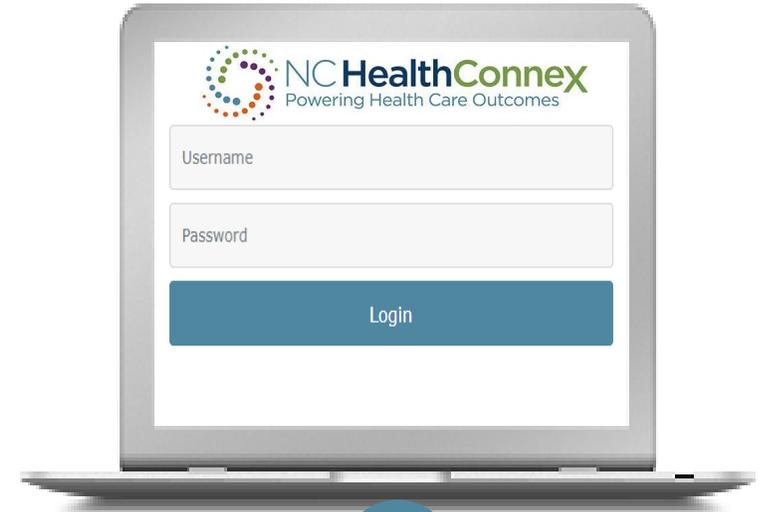
How HIE Works

Uni-directional Connection



Electronic Health Record

Clinicians enter data into EHR, and that data is automatically sent to HIE.



Data Provided

Clinicians who have care relationships with their patients are readily able to access that data.



Exchange

How HIE Works

Bi-directional Connection



Electronic Health Record

Clinicians enter data into EHR, and that data is automatically sent to the HIE.

Data Sent into EHR

Clinicians who have care relationships with their patients are able readily access that data via their EHR.



Exchange

Expanding Exchange Reach & Capabilities

Access a patient's clinical record

- Web-based portal (uni-directional connection)
- EMR integration (bi-directional connection)
- Information in the portal parsed from the patients' CCDs for easy viewing in a longitudinal record

Communicate PHI securely

- DIRECT Secure Messaging (DSM), which is HIPAA compliant and convenient

Additional integrations

- Controlled Substance Reporting System (CSRS)
- eHealth Exchange
- Patient Centered Data Home (PCDH)
- Carequality (*coming soon*)

Access NC*Notify ADT notifications via a clinical portal

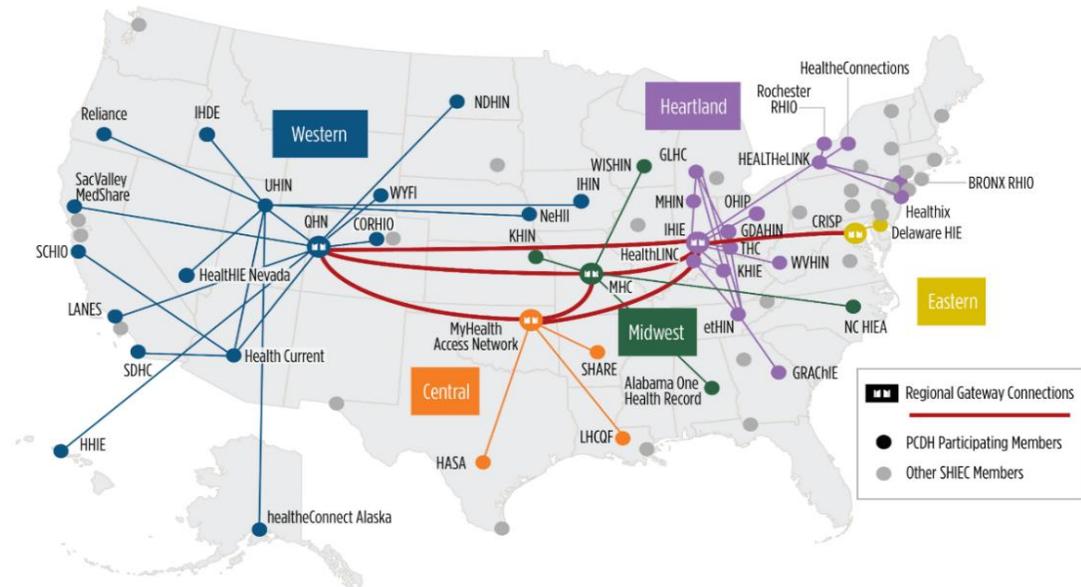
Exchange

Neighboring Connections via National Networks

eHealth Exchange™

- Atrium Health CareConnect HIE (Charlotte, NC)
- Carolina eHealth Network (SC)
- Coastal Connect HIE (NC)
- Cone Health (Greensboro, NC)
- DaVita (national)
- eTHIN (East Tennessee)
- Florida HIE Services
- GaHIN (Atlanta, GA)
- GRACHIE (Augusta, GA)
- healthconnect Alaska
- MedVirginia (Richmond, VA)
- OCHIN (Portland, OR)
- PULSE (Patient Unified Lookup System for Emergencies)
- SCHIEx (SC)
- Sentara Health (Northern VA)
- VA HIE (Veterans Administration), DMIX (U.S. Department of Defense)
- Vidant Health (Greenville, NC)

Patient Centered Data Home (PCDH)





NC*NOTIFY CAN SUPPORT TAILORED CARE MANAGEMENT AND WHOLE PERSON CARE

Timothy Taylor, MHA – Application Systems Specialist –
NC*Notify
NC Health Information Exchange Authority

What is NC*Notify?

A subscription-based service based on admit and discharge (ADT) messages that notifies providers as their patients receive services across the NC HealthConnex participant base – spanning geography, health care systems, acute and ambulatory care settings



Statewide Impacts

- 667 participants live, including LME/MCOs and BH organizations
- 8.3 million patients monitored
- 1.8 million average alerts sent per month

Care Coordination & NC*Notify

Tailored Care Management Focus

- Community based
- Provider driven
- Whole person care

Bridging the Gap

- Enhance care coordination
- New alerts and place of service enhancements
- Referral confirmation



How Does It Work?

Subscriptions

Subscribers establish their cohort of patients for whom they want to receive alerts.

Monitoring Feeds

All clinical data feeds coming into the HIE are monitored for a matching event or clinical data of interest to the subscribers. These events can then be pushed directly to the subscriber or made available on the web portal.

Receiving Notifications

Subscribers can receive notifications for events or data that match their patients via their preferred method.

- Batched notification files in delimited or HL7 format
- Near real-time notifications via HL7 messages
- Web-based NC*Notify dashboard via the NC HealthConnex portal



NC*Notify Use Cases

"With services like NC*Notify, the entire care team can have much-needed information to keep patients safe during the riskiest times: when they **transition between one care entity and another.**"

– FQHC Participant

"The emergency ADT feed from NC*Notify I reviewed yesterday was timely, and when I went into HealthConnex to pull the CCD, I was able to get some valuable information regarding the physical condition of the client, which could then be shared with the direct care staff in the program as the **guardian failed to let us know when she dropped the child off for treatment.**"

– Behavioral Health Agency

"Patient care has largely been what I call synchronous, as in in-sync with a scheduled appointment. Our **real-time data gathering from the HIE has allowed us to prepare for a remodel of our system to asynchronous real-time knowledge-based care**, where our providers' workflows are disrupted 24/7, giving them immediate, actionable knowledge to make their care plans living documents as our patients navigate the healthcare ecosystem around us."

– Behavioral Health Services Agency

What Notifications Are Available?

Admission, Discharge, or Transfer – Notification of any visit in the NC HealthConnex network. (Base and Plus Tiers)

COVID-19 alerts – Notifications of a COVID-19 test and the result. (Plus)

High utilizer alert – Notification of at least 2 ED visits in 90 days or at least 4 inpatient admissions in 12 months. (Plus)

Dental alerts – Providers are alerted when patients visit the emergency department for dental care. (Plus)

Care team change alert – Providers are informed when a new organization has subscribed to their patient. (Plus)

Diabetes diagnosis alert – Providers are alerted upon a new diabetes and/or pre-diabetes diagnosis for patients they are monitoring. (Plus)

Chronic care management alert – Providers receive an alert when a patient meets the Centers for Medicare and Medicaid Services' chronic care management services criteria. (Plus)



Filter by Name or MRN

AUDACIOUS

Saved Custom Filters

Add Filter

All Not started In progress Completed

Notifications count: 752
Last updated: 10:27 07/05/20



ERNIE FAKEEGRHZXSSESFAKE (AI-833007449)

Hospital 1
06/23/2020 04:17 PM
ER Registration
CHEST PAIN Transient cerebral ischemic attack, unspecified

THEOBALD FAKEKDHRSUFRXBFAKE (AI-561902929)

Hospital 1
06/23/2020 04:17 PM
ER Discharge
FALL: PAIN Emphysema, unspecified

KATHERYN FAKESWLMUPLQVFAKE (AI-602246355)

Hospital 3
06/23/2020 04:17 PM
IP Admit
3 INFECTED TOES Unsteadiness on feet

EWARD FAKEEBPOHPWXFAKE (AI-932097722)

Hospital 1
06/23/2020 04:17 PM
ER Registration
PREGNANT WITH SPOTTING Unspecified fracture of the lower end of left radius, subsequent encounter for closed fracture with routine healing

MANDA FAKEMKKRIFVTMFAKE (AI-634269834)

Hospital 2
06/23/2020 04:17 PM
ER Registration

Ernie FAKEEGRHZXSSESFAKE

AI-833007449

Demographics

MRN: AI-833007449
Date of Birth: 12/20/2011
Gender: M
Address 1: 94 Express
City: Baltimore
State: MD
Zip: 21218

Home Phone: 410-799-1433
Cell Phone:
Work Phone: 916-309-8019
Primary Care Provider: Ernie Chaster
NPI: 47084949084
Practice: Practice3

Most Recent Event

Event Date: 06/23/2020 04:17 p.m.
Admit Date: 03/09/2020 12:00 a.m.
Discharge Date:
Point of Care: Hospital 1
Admit Source: Court/law enforcement
Patient Class: Emergency
Event Type: Registration

Death Indicator: N
Hospital Service: Internal Med
Patient Complaint: CHEST PAIN
Diagnosis Description: Transient cerebral ischemic attack, UN
Diagnosis Code: G45.9
Discharge Disposition:
Discharge to Location:

Additional Info

Number of ER Visits: 0

Number of IP Visits: 0

Event History

No Prior Events

Status Log

Web-Based Enrollment Form

NC*Notify Online Enrollment

*Indicates required field

Organization Information

Organization Name*

Organization Address*

Address 2

City*

Services

[NC HealthConnex Exchange](#)

[NC*Notify](#)

[Frequently Asked Questions](#)

[Online Enrollment Form](#)

[Specifications & Release Notes](#)

[Conditions of Participation for Hospital eNotifications](#)

[How NC*Notify Works](#)

[Benefits](#)

[New Features & Enhancements](#)

[Controlled Substance Reporting System](#)

NC*Notify – Important Links

[NC*Notify landing page](#)

[Web-based enrollment form](#)

[NC*Notify specifications & release notes](#)

[Frequently asked questions](#)





RECENT QUESTIONS AND WRAPPING THINGS UP....

Garrett Smith – Business Relations Manager
NC Health Information Exchange Authority

Recent Questions

If I am an I-DD Provider, am I still required to connect to the NC HIE?

Per G.S. 90-414.4, “Intellectual and developmental disability services and support providers, such as day supports and supported living providers” are considered voluntary and are not required to connect to the NC HIE.

Can a participant enroll and utilize NC*Notify without completing a connection project with their EHR?

Yes, a participant with a full participation agreement can enroll and utilize NC*Notify without an EHR connection.

Recent Questions (cont.)

If my organization has a full participation agreement with the NC HIEA, what do I need to do to enroll and start using NC*Notify?

With a full participation agreement in place, a participant can enroll in NC*Notify by completing our [online enrollment form](#).

Value of NC HealthConnex to Providers

- **Increase** operational efficiencies
- **Reduce** duplicative tests/procedures
- **Improve** care coordination
- **Integrate** with public health registries



Questions?

For more information Tailored Care
Management, visit:

[medicaid.ncdhhs.gov/tailored-care-
management](https://medicaid.ncdhhs.gov/tailored-care-management)

888-245-0179

medicaid.tailoredcaremgmt@dhhs.nc.gov

For more information on NC HealthConnex
and NC*Notify, visit:

nchealthconnex.gov

919-754-6912

hiea@nc.gov