



# NDHIN Q & A

Monthly meeting - March 18, 2021

Facilitated by Sarah Miller, NDHIN Outreach Manager



# NDHIN Q & A AGENDA

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- Welcome
- Topics/Updates from NDHIN Team:
  - *NDHIN Resource to Support Medication Reconciliation*
- Questions from Attendees
- Review of February's NDHIN Topic:
  - *Public Health Reporting & NDHIN*
- Next NDHIN Q & A Session: April 15<sup>th</sup> @ Noon CDT





# *NDHIN RESOURCE TO SUPPORT MEDICATION RECONCILIATION*

Natasha Green RN, MBA

Stephanie Sullivan RN, BSN, PMP

NORTH  
**Dakota**

Be Legendary.™




# MEDICATION RECONCILIATION

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“The NDHIN is useful during the investigation of a patient’s accurate medication history. It provides the pharmacists in the hospital an additional data source when we have a patient that cannot tell us what they are taking at home.”

- Rachel Ellis RPh



Q #1

I'm in a hurry and need to be able to see the medication list quickly, where is the best place to view the medications?

# MEDICATION RECONCILIATION UPON ADMISSION

**Medicines Viewer Tab**

Search by Medication and/or Facility

Group by Medication

49 Results

Some medication data has been made available by a third party. The accuracy and completeness of the data is not guaranteed.

Medication	Instructions	Days Supply	Supply Qty.	Action Date	Prescriber	Source
LATEST Take 1 Tablet PO Q4 H PRN   Dispense   08 Sep 2018						
▶ <b>Acetaminophen 325 MG / Hydrocodone Bitartrate 7.5 MG Oral Tablet</b> 9						
▼ <b>Levothyroxine Sodium 0.2 MG Oral Tablet</b> 9						
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 Tablet PO qAM	30	30 Tablet(s)	06 Sep 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS		30	30 Tablet(s)	12 Aug 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	-	30	30	11 Aug 2018	(1084359893)	Pharmacy Unknown
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 Tablet PO qAM	30	30 Tablet(s)	16 Jul 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 Tablet PO q			12 Jun 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 tablet in the			10 May 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 tablet in the			15 Apr 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 tablet in the			15 Mar 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 tablet in the			23 Feb 2018	William BRADY	Test Chain Pharmacy
▶ <b>canagliflozin 100 MG Oral Tablet</b> 12						
▶ <b>Zolpidem tartrate 10 MG Oral Tablet</b> 6						
▶ <b>Levothyroxine Sodium 0.175 MG Oral Tablet</b> 2						

**Levothyroxine Sodium 0.2 MG Oral Tablet**

ORIGINAL MEDICATION: SYNTHROID 0.2MG (200MCG) TABLETS  
CODE: 00074714890  
CODING SYSTEM: NDC

INSTRUCTIONS: -

SUPPLY QUANTITY: 30

DAYS SUPPLY: 30

ACTION DATE: 11 Aug 2018

WHEN PREPARED: 11 Aug 2018

PRESCRIBER: (1084359893) (1084359893)

EVENT TYPE: Dispense

SOURCE: Pharmacy Unknown

Click on prescription to view details

# MEDICATION RECONCILIATION UPON DISCHARGE/TRANSITION OF CARE

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“Pharmacists use NDHIN for med rec on new patients in the community. This can be very useful for community pharmacists reviewing nursing home admits.”

- Jesse Rue RPh

# MEDICATION RECONCILIATION UPON DISCHARGE/TRANSITION OF CARE

**MOUSE, Mickey** sex Male dob Feb-10-1947 (73y)

Patient Summary Medicines Viewer Timeline External Record Images Circle of Care Laboratory Results Flow Sheet

Clinical Documents Showing All Mark All As Read Group By Category Sort By Date


- Patient Summary
- POMP
- NDHS Immunizations
- Vital Signs Flow Sheet
- Dynamic Documents (1)
- Laboratory (26 / 68)
- Microbiology (3 / 7)
- Radiology (1 / 10)
- Transcribed Documents (9)**
- Transcriptions (2)





### Demographics







Other Identifiers		Emergency Contact		
11111 (North Dakota Health Information Network)	Name	Fitzpatrick, Emily		
11111 (Central Valley Health District)	Phone	928-455-2300 (Home)		
E111114 (Sanford Health)				
84568-4564 (Trinity Health)				
Demographics		Primary Care Provider		
Address	1420 Milton Avenue, Phoenix, AZ, 85013 (Home)		Name	Francis McNamara
Phone	(480) 896-7543 (Primary Home)		Clinic	Piedmont Physicians






# MEDICATION RECONCILIATION UPON DISCHARGE/TRANSITION OF CARE

**MOUSE, Mickey** SEX Male DOB Feb-10-1947 (74y) 

  5  Natasha GREEN  **LOGOUT**

 Patient Summary  Medicines Viewer  Timeline  External Record  Images  More

**Clinical Documents**     
Showing All [Mark All As Read](#)  
Group By Category Sort By Date

**Dynamic Documents** (1 / 1)

- ▶ **Laboratory** (70 / 70)
- ▶ **Microbiology** (7 / 7)
- ▶ **Radiology** (10 / 10)
- ▼ **Transcribed Documents** (4 / 9)
  - ▶ Consult Report (1)
  - ▶ Discharge Summary (1)
  - ▶ ED Visit Notes (1)
  - ▶ **Encounter Summary** (1 / 1)
    - ▼ HP (1)
      - Feb-14-2019 Physical [TRIN]
    - ▶ Operative Notes (1)
    - ▶ **SUMMARIZATION OF EPISODE**

**Physical [TRIN]** (2 years ago) [Print](#)

DATE OF PROCEDURE: 02/13/2019

PROCEDURE: Gastroscopy with polypectomy x2.

INDICATIONS: Persistent reflux in this 36-year-old male patient.

DESCRIPTION OF PROCEDURE: After informed consent was obtained, the patient was placed in the left decubitus position. He received intravenous propofol per request. Videogastroscope was introduced under direct vision.

FINDINGS: The esophagus was normal in upper, mid and lower extent. GE junction was at approximately 36 cm. The stomach was entered. There were multiple hyperplastic inflammatory-appearing polyps along the greater curvature. These ranged in size from a few millimeters to 1 cm or more in diameter. A couple of the polyps were removed with a cold snare. Pyloric channel, duodenal bulb, postbulbar duodenum were unremarkable. Scope was then withdrawn.

IMPRESSION AND PLAN: There are multiple hyperplastic-appearing polyps along the greater curvature. A couple were removed. They appear to be benign. Await histology. Plan

# PRESCRIPTION MEDICATION ADHERENCE

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- Medviewer and Prescription Drug Monitoring Program (PDMP) within NDHIN are used for validation!
- PDMP:
  - Direct query to NDBOP PDMP via NDHIN
  - A practitioner must be registered with ND Board of Pharmacy to have a PDMP account
  - The NPI provided to BOP and NDHIN must match

# PRESCRIPTION MEDICATION ADHERENCE

Medicines Viewer Tab

Search by Medication and/or Facility

Group by Medication

Some medication data has been made available by a third party. The accuracy and completeness of the data is not guaranteed.

Medication	Instructions	Days Supply	Supply Qty.	Action Date	Prescriber	Source
LATEST Take 1 Tablet PO Q4 H PRN   Dispense   08 Sep 2018						
Levothyroxine Sodium 0.2 MG Oral Tablet 9						
SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 Tablet PO qAM	30	30 Tablet(s)	06 Sep 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS		30	30 Tablet(s)	12 Aug 2018	William BRADY	Test Chain Pharmacy
SYNTHROID 0.2MG (200MCG) TABLETS	-	30	30	11 Aug 2018	(1084359893)	Pharmacy Unknown
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SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 tablet in the			10 May 2018	William BRADY	Test Chain Pharmacy
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SYNTHROID 0.2MG (200MCG) TABLETS	Take 1 tablet in the			15 Mar 2018	William BRADY	Test Chain Pharmacy
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canagliflozin 100 MG Oral Tablet 12						
Zolpidem tartrate 10 MG Oral Tablet 6						
Levothyroxine Sodium 0.175 MG Oral Tablet 2						

**Levothyroxine Sodium 0.2 MG Oral Tablet**  
ORIGINAL MEDICATION SYNTHROID 0.2MG (200MCG) TABLETS  
CODE 00074714890  
CODING SYSTEM NDC  
INSTRUCTIONS -  
SUPPLY QUANTITY 30  
DAYS SUPPLY 30  
ACTION DATE 11 Aug 2018  
WHEN PREPARED 11 Aug 2018  
PRESCRIBER (1084359893) (1084359893)  
EVENT TYPE Dispense  
SOURCE Pharmacy Unknown

Click on prescription to view details



# PRESCRIPTION MEDICATION ADHERENCE

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**MOUSE, Mickey** SEX Male DOB Feb-10-1947 (74y)

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👤 Natasha GREEN ▼


LOGOUT


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📄 Patient Summary

 Medicines Viewer

 Timeline

 External Record


 Images


▼ More

Clinical Documents

Showing All [Mark All As Read](#)

Group By Category Sort By Date

 Patient Summary

 PDMP

# PRESCRIPTION MEDICATION ADHERENCE

**Clinical Documents** | [Overview](#) | [NarxScores](#) | [Overdose Risk Score](#) | [Lorazepam Milligram Equivalents](#) | [Click to view tutorials](#) | [Contact Appriss Support](#)

Showing All Mark All As Read  
Group By Category Sort By Date

**PDMP** | **Narx Report** | Resources

Date: 09/19/2019

+ Cameron Testpatient

– Risk Indicators

NARX SCORES			OVERDOSE RISK SCORE	ADDITIONAL RISK INDICATORS (3)
Narcotic	Sedative	Stimulant		
839	625	000	690 (Range 000-999)	<ul style="list-style-type: none"><li>! &gt;= 5 opioid or sedative providers in any year in the last 2 years</li><li>! &gt;= 4 opioid or sedative dispensing pharmacies in any 90 day period in the last 2 years</li><li>! &gt; 100 MME total and 40 MME/day average</li></ul>
<a href="#">Explanation and Guidance</a>			<a href="#">Explanation and Guidance</a>	<a href="#">Explanation and Guidance</a>

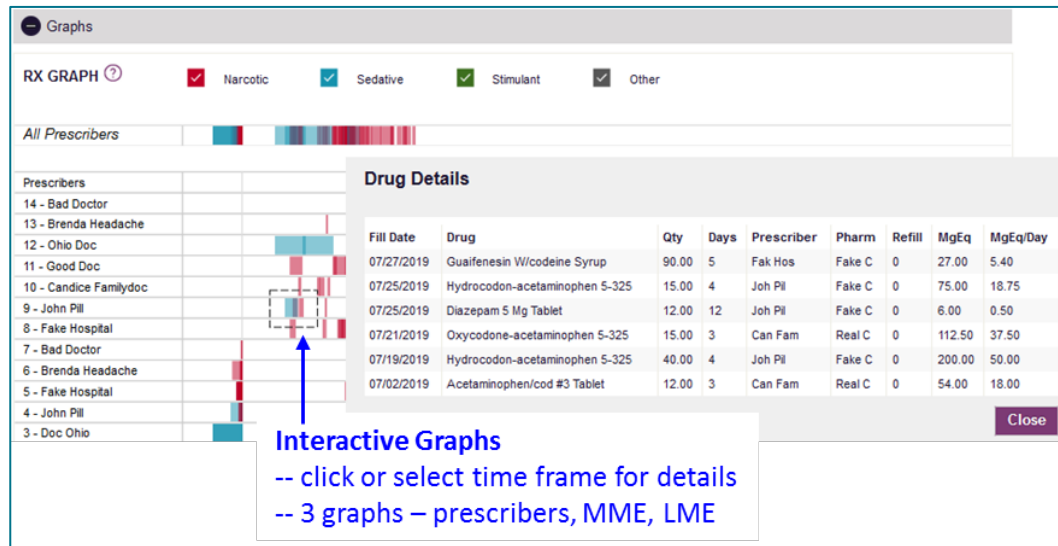
**Explain these Narx Scores** (Guidance on Page 2)

**Bullets**

- Narx Scores exist for narcotics, sedatives, and stimulants.
- Narx Scores range from 000-999
- The last digit of a Narx Score equals the number of active prescriptions of that drug
- Narx Scores are type specific use indicators based on the following measurements:
  - Number of Prescribers

**Additional Information**

# PRESCRIPTION MEDICATION ADHERENCE



Summary

### Prescription Summary

Summary	Narcotics* (excluding buprenorphine)	Sedatives*	Buprenorphine*
Total Prescriptions: 85	Current Qty: 646	Current Qty: 180	Current Qty: 0
Total Prescribers: 14	Current MME/day: 780.82	Current LME/day: 5.50	Current mg/day: 0.00
Total Pharmacies: 12	30 Day Avg MME/day: 26.03	30 Day Avg LME/day: 0.18	30 Day Avg mg/day: 0.00

Rx Data

### Prescription Details

PRESCRIPTIONS

Total Prescriptions: 85

Total Private Pay: 11

Fill Date	ID	Written	Drug	Qty	Days	Prescriber	Rx #	Pharmacy	Refill	Daily Dose *	Pymt Type	PMP
09/18/2019	1	09/18/2019	Diazepam 5 MG Tablet	12.00	12	Jo Pili	4158004	Fak (4561)	0	0.50 LME	Comm Ins	OH
09/18/2019	1	09/18/2019	Hydrocodon-Acetaminophen 5-325	15.00	4	Jo Pili	4158005	Fak (4561)	0	18.75 MME	Comm Ins	OH







# Attendee questions?



Q #2

Can I print the medication list out of NDHIN?



# PRINTING MED LIST

11111 MOUSE, Mickey

hie.train.ndhin.com/concerto/Concerto.htm

MOUSE, Mickey SEX Male DOB Feb-10-1947 (74y)

Patient Summary

Medicines Viewer

Timeline

External Record

Images

Group by Medication Date

No Current Medications Visible

⚠

Some medication data has been made available by a third party. The accuracy and completeness of the data is not guaranteed.  
NOTE: The CURRENT medication is defined by a medication filled in the last 6 weeks.

Medication	Instructions	Route	Supply Qty.	Days Supply	Action Date	Prescriber	Source
▶ <b>Acetaminophen 325 MG / Hydrocodone Bitartrate 7.5 MG Oral Tablet</b> 9	LATEST Take 1 Tablet PO Q4 H PRN   Dispense   08 Sep 2018						

New tab Ctrl+T

New window Ctrl+N

New incognito window Ctrl+Shift+N

History

Downloads Ctrl+J

Bookmarks

Zoom - 150% +

Print... Ctrl+P

Cast...

Find... Ctrl+F

More tools

Edit Cut Copy Paste

Settings

Help

Exit



Q #3

Can I view medications if my patient was seen out of state?

# VIEWING OUT OF STATE MED LISTS

MOUSE, Mickey

SEX Male

DOB Feb-10-1947 (74y)

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Natasha GREEN

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LOGOUT

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Patient Summary

💊

Medicines Viewer

📅

Timeline

📄

External Record

🖼️

Images

▼

More

External Patient Search

Name \*

MOUSE, Mickey

✕

Change

+ Add Name

Sex \*

Male

Female

Unknown

Date of Birth

Feb-10-1947 (74 years)

SSN

Example: 123-12-1234

Phone

(480) 896-7543

Example: +1-201-555-0123

Address

1420 Milton Avenue

Phoenix AZ 85013 USA

✕

Change

Purpose \*

Treatment

▼

Location \*

All

Specific

Add

# FEBRUARY Q & A REVIEW

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- Lead-off topic was: *Public Health Reporting & NDHIN*
- Link to February's session information is in the chat.
  - NDHIN is utilized for electronically reporting reportable conditions & laboratory results.
  - NDHIN provides bi-directional feeds with NDIIS.
  - NDHIN also provides syndromic surveillance, data to CDC for outbreak monitoring.
  - NDHIN provides ETOR (electronic test orders and results) to the state laboratory and ordering facilities.



# NEXT NDHIN Q & A SESSION

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April 15, 2021 at Noon CDT

- *Lead-off Topic: Patient Opting-In/Opting-Out*

# RESOURCES

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- NDHIN On-demand Training
  - <https://www.ndhin.nd.gov/providers/education>
- NDHIN Help Desk - Available 24/7
  - (844)335-6253
  - [NDHINSupport@Koblegroup.com](mailto:NDHINSupport@Koblegroup.com)

# NDHIN CONTACT INFORMATION

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**Sarah J. Miller**

NDHIN Outreach Manager

(701) 324-7430

[sarmiller@nd.gov](mailto:sarmiller@nd.gov)

**Natasha Green, MBA, RN**

NDHIN Outreach Coordinator

(701) 989-6226

[natasha.green@healthtechsolutions.com](mailto:natasha.green@healthtechsolutions.com)

**Lisa Thorp, BSN, RN, CDE**

NDHIN Outreach Coordinator

(701) 989-6241

[lisa.thorp@healthtechsolutions.com](mailto:lisa.thorp@healthtechsolutions.com)

**Tracey Regimbal, RHIT**

NDHIN Outreach Coordinator

(701) 739-2732

[tracey.regimbal@healthtechsolutions.com](mailto:tracey.regimbal@healthtechsolutions.com)

**Patti Kritzberger, RHIT, CHPS**

NDHIN Outreach Coordinator

(701) 989-6235

[patti.kritzberger@healthtechsolutions.com](mailto:patti.kritzberger@healthtechsolutions.com)