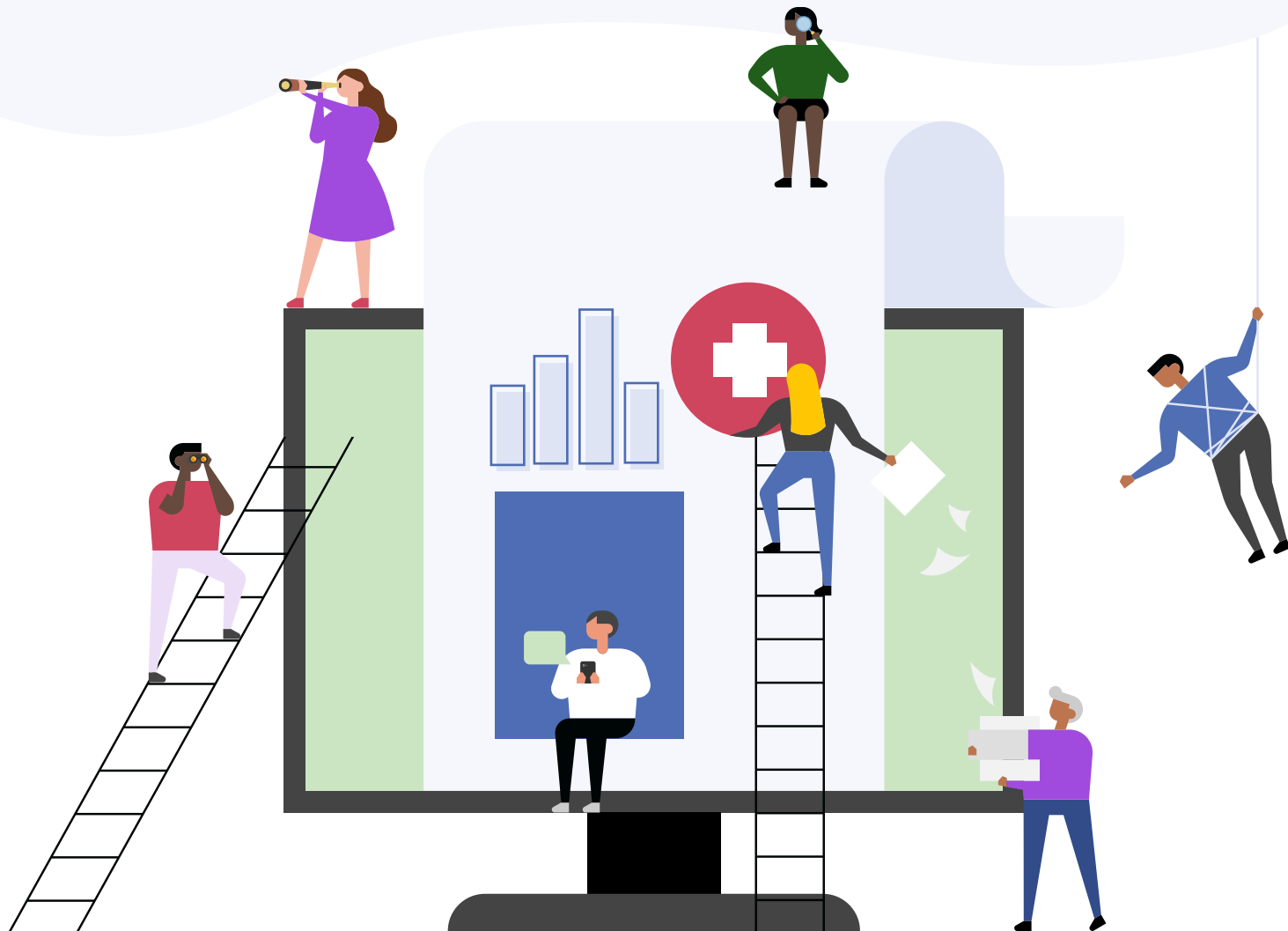


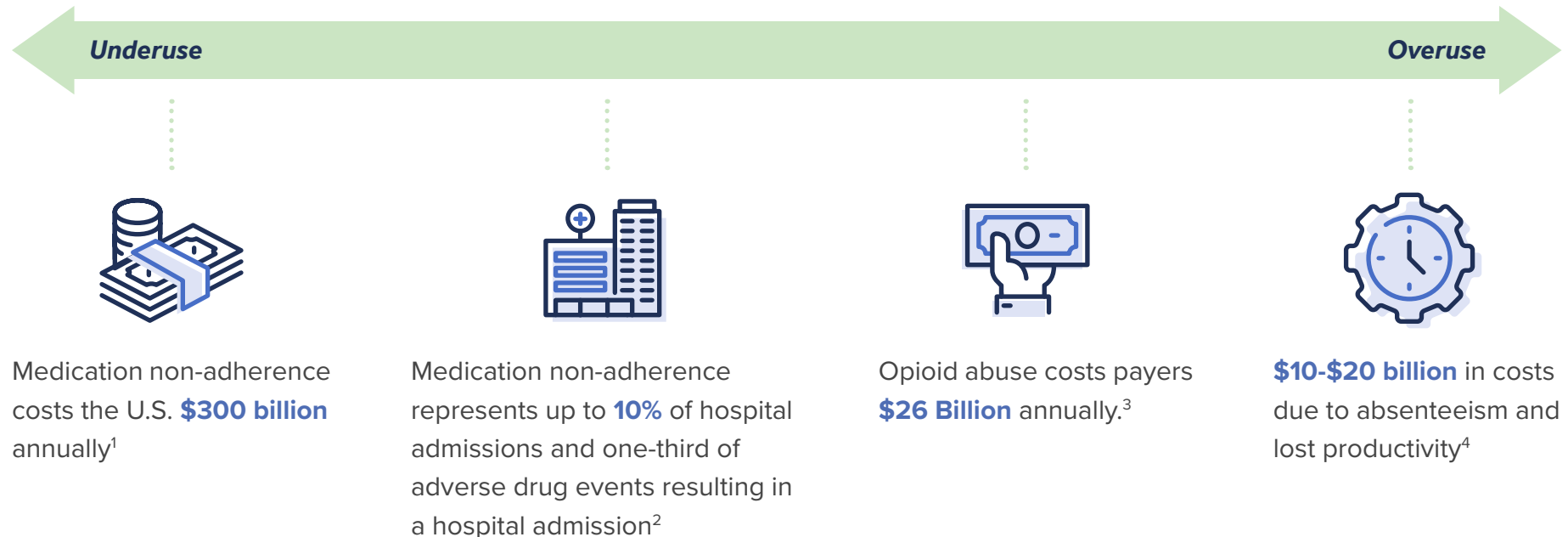
Power Population Health Initiatives with Dispensed Medication Data

Medication History for Reconciliation



Medication Management Issues Are Costly and Negatively Impact Patient Outcomes

Medication Management Spectrum



1. *Thinking Outside the Pillbox: A System-wide Approach to Improving Patient Medication Adherence for Chronic Disease. NEHI (August 2009)*
2. *Anthem*
3. *CDC (2016)*
4. *CDC, American Society of Addiction Medicine*

We Power Population Health Programs by Delivering Dispensed Medication Data

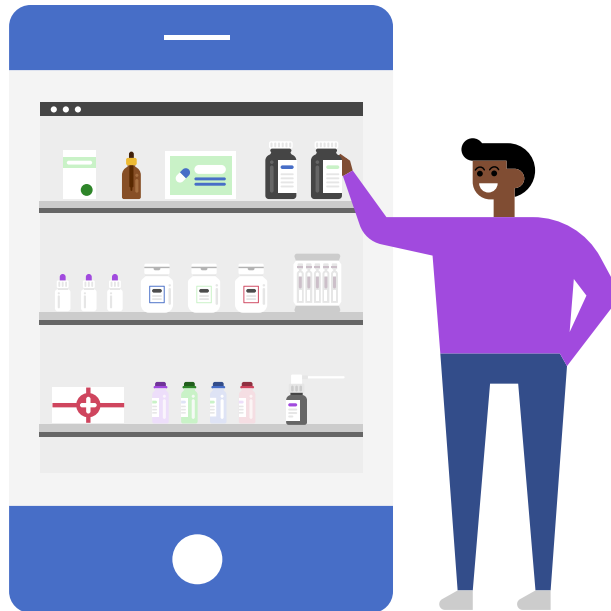
Medication History for Populations	
Information provided	12-month medication history
Data trigger	Customer-driven <i>(on demand)</i>
Current data coverage ¹	Sourced from PBM and Pharmacy <i>(+70% nationwide and increasing)</i>
Tech components	Flat file patient enrollment, bulk SFTP XML file delivery

1. Based on Medication History transactions (detail in Appendix)

We're Differentiated in a Few Ways

	Cureatr Meds 360°	Other sources of data
1. Truly nationwide coverage	Almost all major pharmacies & PBMs are on the Cureatr network	No single nationwide source
2. Timeliness	Data is refreshed daily	Data often lags by weeks/months
3. Breadth of data	Hundreds of data fields (ex: SIG/Directions)	Often not enough information
4. Ease of use	Consolidated & normalized data from multiple sources into a single feed	Multiple inconsistent data sources
5. Quality standards	Industry best data quality program	Limited ability to influence quality

Key 2019 Product Roadmap Investments



Increase cash-pay pharmacy coverage

Key pharmacies expected to come online in November 2018
(e.g. Walmart¹)



Enhance Notifications functionality (target availability in 1H 2019)

Enable notifications via FHIR-based APIs (Native)

1. Walmart represents ~8% market share based on stores.

Use Cases Must Relate to Treatment, Typically Fueling Analytics to Identify High-Risk Patients

Example Use Cases:

1

Identify medication non-adherence

- **Ex:** Tracking all recently discharged patients within 30-60-90 days to monitor for primary non-adherence to prevent readmissions
- **Ex:** Tracking diabetes patients to ensure they are adherent to their maintenance meds

2

Identify potential opioid abuse and optimize treatment

- **Ex:** A care manager identifies a patient that is taking benzodiazepines that can have adverse interactions with opioids and notifies the prescriber to change therapy
- **Ex:** Patient has stopped filling buprenorphine at part of her Medication-Assisted Treatment program and the patient is reminded to resume therapy.

3

Identify & close gaps in care to inform care plan

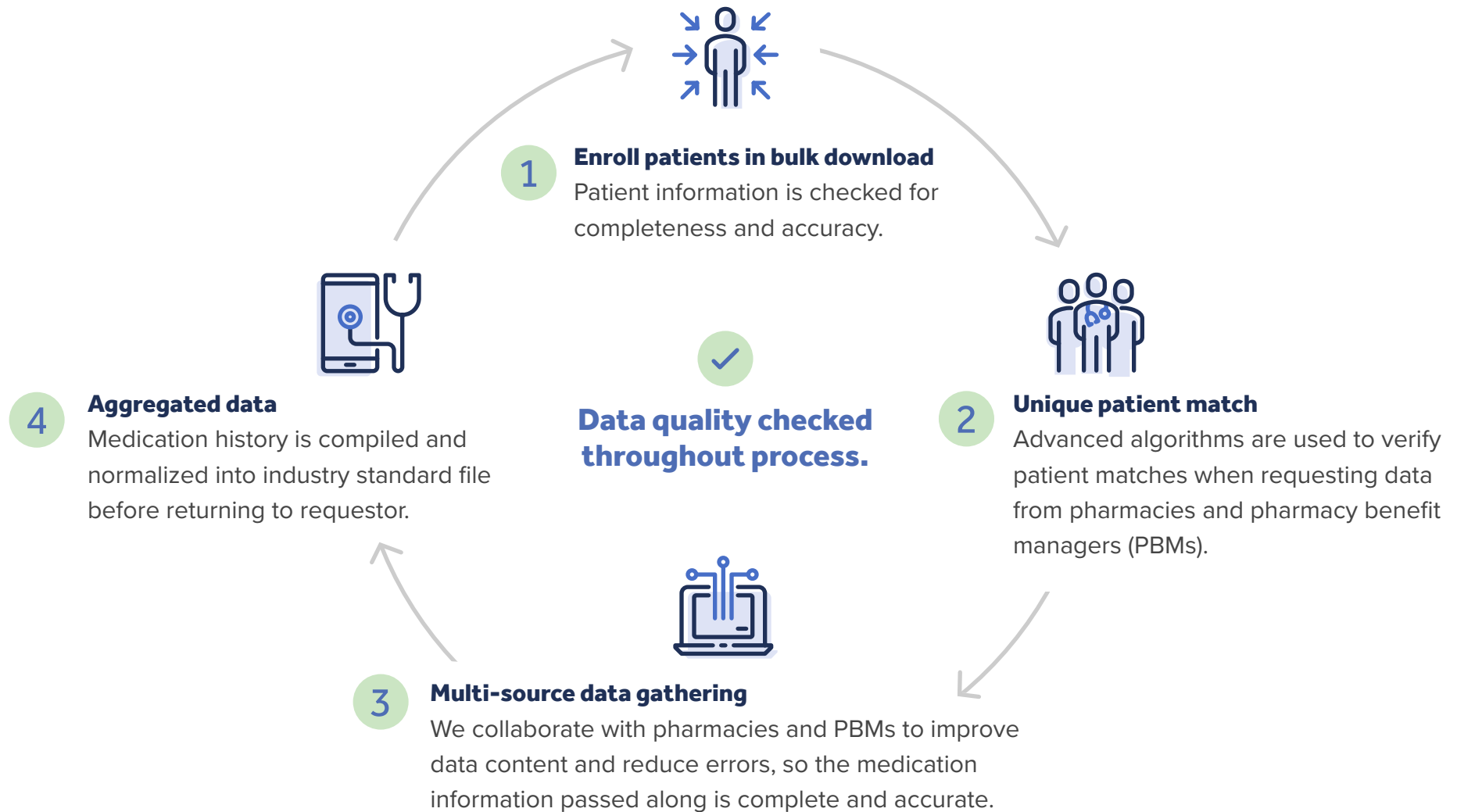
- **Ex:** a diabetic's low PDC score coupled with high A1C values triggers enrollment into care mgmt requiring more frequent physician visits. During a visit, physician learns the low PDC was caused by the high medication cost and institutes a payment plan
- **Ex:** Care team verifies their patients pickup appropriate meds, dosage changes, discontinuations, and new prescriptions. Also verifying meds align w/ diagnoses

4

Triage at-risk patient populations

- **Ex:** Patients recently put on warfarin therapy by an out-of-network provider, increasing their risk score and placing into a high-risk group

How It Works



Enrolling Patients Requires Basic Patient Demographic Information

The patient file is a list of patients sent by the customer to Cureatr and is used to locate the medication history for each patient on the list.

```
HDR|1.0|T00000000021931|PASSWORD10|S00000000000003|TEST0502-1|20180502|11400001|PNM|F|20180502|CERTPATIENTPOPULATIONTEST0502-1|ADHOC|12|T|
PAT|1|BOOM99999999x|BOOM|REGINALD|PREFIX|SUFFIX|44 BELLEMONTE AVENUE|BROMLEY|KY|41016|19650619|M|3456789015|PRESCRIBERLNAME|021|
PAT|2|BINNACLE9999x|BINNACLE|DON|EVERTON|MO|65646|19620701|M|3456789015|PRESCRIBERLNAME|021|
PAT|3|NANNA99999999x|NANNA|KATIE|21 59TH STREET NORTH|NORWICH|ND|58768|19490218|F|3456789015|PRESCRIBERLNAME|021|
PAT|4|DAWES99999999x|DAWES|ARTHUR|LIVERPOOL|PA|17045|19850411|M|9364860806|Completea'slonglastname-fortesting|021|
PAT|5|eBADDELEY|BADDELEY|ELLEN|5912 ALMA AVENUE|IPSWICH|SD|57451|19570921|F|1871598417|Evans|021|
PAT|6|FJ|Fox|JUNIUS|58 FOUNDRY ROAD|TUNBRIDGE|VT|05077|19791012|M|1984437545|Accelerator|021|
PAT|7|ALBERTEDACO1|ALBERT|EDWYNN|PRE|10086 ELLERSLIE DRIVE|SURREY|VA|23883|19881212|M|3456789015|PRESCRIBERLNAME|021|
PAT|8|CLI|li|ci|22202|20000101|M|4482734306|Accelerator|021|
PAT|9|ACOID-10|BRILL|CLARA|1 OPHIR ROAD|DARWIN|CA|93522|19720315|F|3456789015|PRESCRIBERLNAME|021|
TRL|9|
```

Header

Record					Transmission							Look-Back		
Type	Version	Sender ID	Sender Password	Receiver ID	Control Number	Transmission Date	Transmission Time	Transmission Type	Transmission Action	Extract Date	Patient Population Identifier	File Schedule	Period in Months	File Type
HDR	1	T00000000021931	PASSWORD10	S00000000000003	TEST0502-1	20180502	11400001	PNM	F	20180502	CERTPATIENTPOPULATIONTEST0502-1	ADHOC		12 T

Detail Information

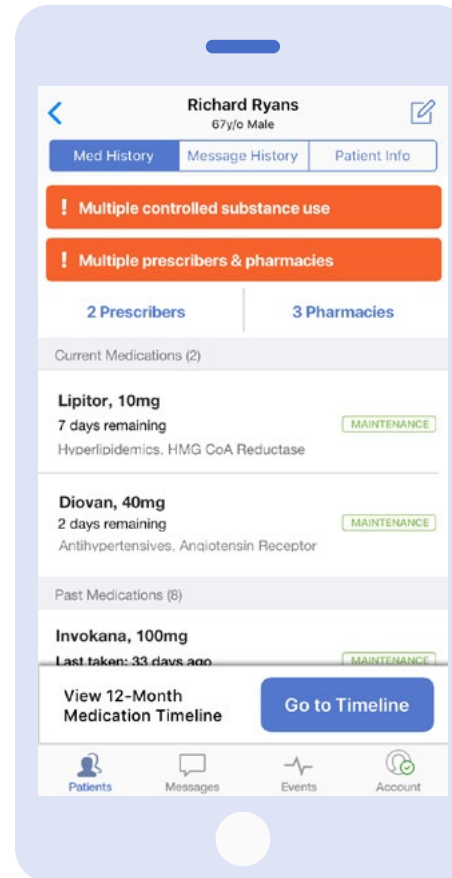
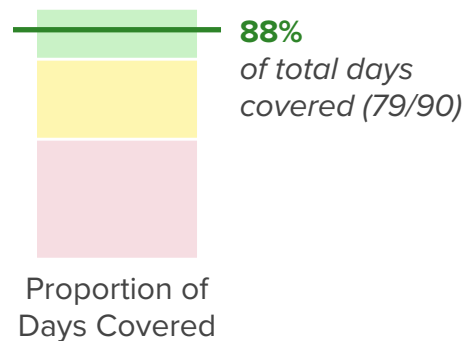
Record																	
Record	Sequence		First	Middle	Address			Postal	Date of	Oranization Name or Prescriber Last				Transaction			
Type	Number	Patient ID	Last Name	Name	Name	Prefix	Suffix	Address Line 1	Line 2	City Name	State	Code	Birth	Gender	NPI	Name	Type
PAT	1	BOOM99999999x	BOOM	REGINALD		PREFIX	SUFFIX	44 BELLEMONTE AVENUE		BROMLEY	KY	41016	19650619	M	3456789015	PRESCRIBERLNAME	21
PAT	2	BINNACLE9999x	BINNACLE	DON						EVERTON	MO	65646	19620701	M	3456789015	PRESCRIBERLNAME	21
PAT	3	NANNA99999999x	NANNA	KATIE				21 59TH STREET NORTH		NORWICH	ND	58768	19490218	F	3456789015	PRESCRIBERLNAME	21
PAT	4	DAWES99999999x	DAWES	ARTHUR						LIVERPOOL	PA	17045	19850411	M	9364860806	Completepa'slonglastname-fortesting	21
PAT	5	eBADDELEY	BADDELEY	ELLEN				5912 ALMA AVENUE		IPSWICH	SD	57451	19570921	F	1871598417	Evans	21
PAT	6	FJ	Fox	JUNIUS				58 FOUNDRY ROAD		TUNBRIDGE	VT	05077	19791012	M	1984437545	Accelerator	21
PAT	7	ALBERTEDACO1	ALBERT	EDWYNN		PRE		10086 ELLERSLIE DRIVE		SURRY	VA	23883	19881212	M	3456789015	PRESCRIBERLNAME	21
PAT	8	CLI	li	ci								22202	20000101	M	4482734306	Accelerator	21
PAT	9	ACOID-10	BRILL	CLARA				1 OPHIR ROAD		DARWIN	CA	93522	19720315	F	3456789015	PRESCRIBERLNAME	21

Example Insight: Med History Data Can Be Used to Calculate Adherence

Adherence score by medication

MetFORMIN HCl Adherence

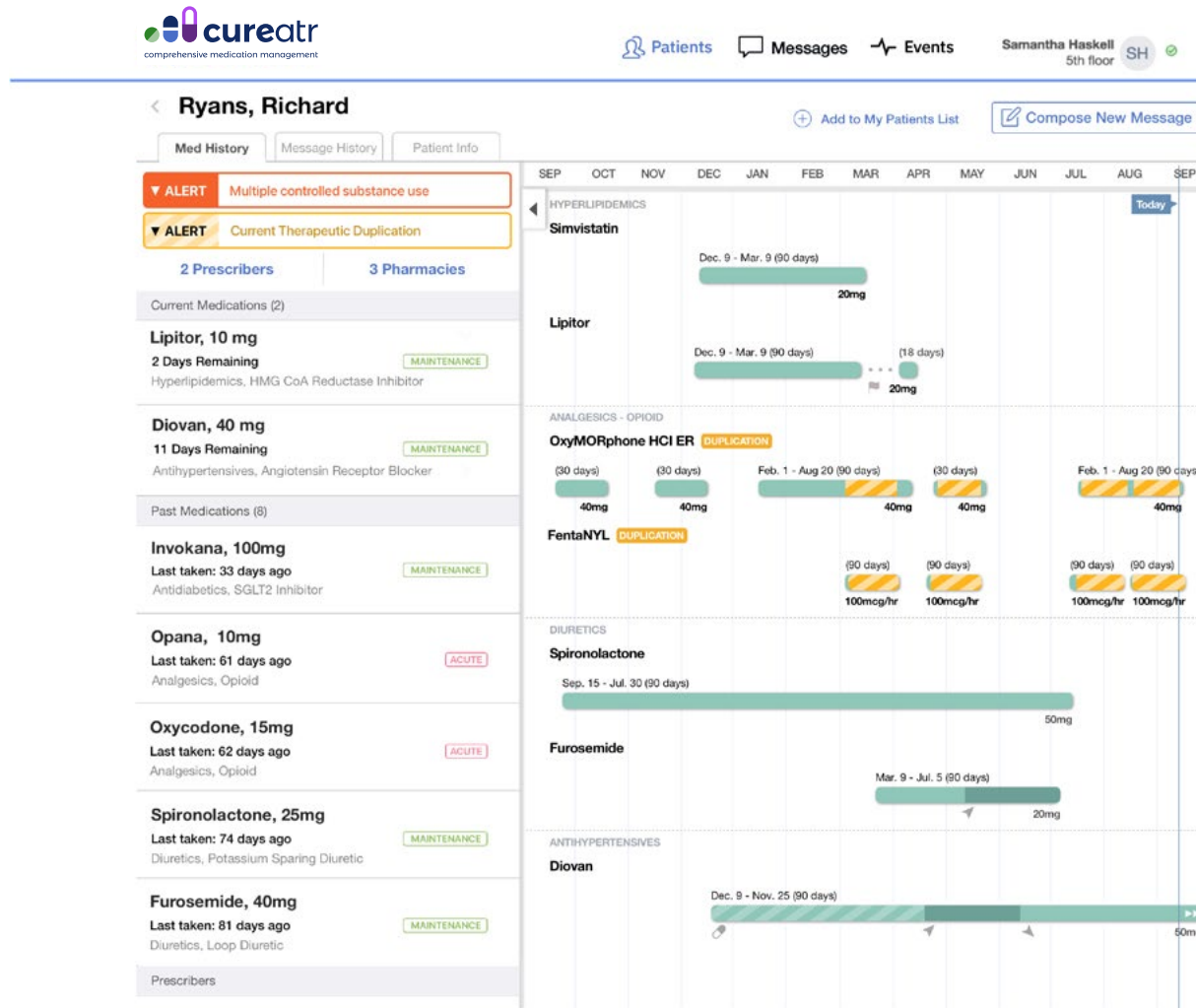
From 6/26/2018 to 9/23/2018



List of dispensed medications

Med History Details for a Patient

Illustrative Output



Overview of Key Data Fields by Source

	Key Pharmacy data fields	+	Key PBM data fields
Medication	Fill Date, NDC, Quantity, Written date, Days Supply, Fill Number, Med Name, Fill Indicator, Prescription Number, Refills Authorized, Quantity Qualifier, SIG, Refills remaining, Date Picked Up, Allergy, Partial Fill Sequence Number		Fill Date, NDC, Quantity, Drug description, RxNorm TermType, Potency Unit Code
Prescriber	Name, NPI		NPI, Name
Pharmacy	NCPDP ID, Name, Address, NPI		NCPDP ID, Name

Note: Reflects commonly populated data fields, as of December 2017.