

Medication adherence solution provides data-driven, actionable insights

The impact of medication nonadherence is substantial, with more than 100,000 preventable deaths and $100 billion in preventable medical costs per year caused by nonadherence. Despite this significance, providers often do not have a feedback loop to understand which of their patients pick up newly prescribed medications from the pharmacy in a timely manner, or at all. Lags in pharmacy claims compound this issue. Without timely and actionable data and insight into who fills prescriptions and when, health care organizations are left to deal with medication nonadherence's wake, often driving up their costs of care while lowering quality measure performance and patient outcomes.

Predict medication nonadherence for early intervention

What if we could identify in real time patients least likely to pick up medications — and intervene early?

Using patent-pending medication adherence propensity modeling from Optum, health care organizations can predict which patients are at risk of nonadherence. Once identified, these patients can be placed into early, personalized intervention programs. Paired with pharmacy point-of-sale data to reconcile prescriber in near real time, providers can quickly pinpoint individuals who have or have not picked up their medication. Patients who have not collected their medication can then be contacted by a provider pharmacy team to recognize and help resolve barriers.

Optum

$

$2.9B

in estimated savings if primary medication nonadherence for chronic diseases was reduced by 1%

Primary nonadherence to chronic disease medications: a meta-analysis. Taylor and Francis Online. Published December 28, 2022.

1 in 3

prescribed medications for chronic conditions were not picked up from the pharmacy within 14 days.

2019 analysis of Optum Care Nevada members

Solution

Data

Compare prescriber data with provider data to identify patients who have not picked up medication

Intervention

Multi-channel outreach allows for identification and resolution of barriers by the provider care team

Action

Combine collaborative data solution with input and assistance from team of resources to assist patient in getting medication

With electronic prescribing and point-of-sale data reconciled in near real time, providers are notified when individuals have not picked up newly prescribed medications. Once these patients have been contacted, providers receive prompt communications for collaboration as well as status updates.

Key outcomes

Improved patient adherence and health

Better overall experience for patients and providers

Reduced total cost of care

Enhanced enterprise collaboration

For more information, please visit: optum.com/itperformance



Dana Attar

Director of Advisory Services,
Optum Insight

Optum

optum.com

Optum is a registered trademark of Optum, Inc. in the U.S. and other jurisdictions. All other brand or product names are the property of their respective owners.
Because we are continuously improving our products and services, Optum reserves the right to change specifications without prior notice. Optum is an equal opportunity employer.

© 2023 Optum, Inc. All rights reserved. WF9017330 07/23