

Medication Therapy Optimization (MTO)

- Pharmacist-guided
- Comprehensive medication management
- Informed by pharmacogenomics
- In a value-based care model

JANUARY 2025



Medication failure is the largest avoidable expense of any health plan.

40%

of prescriptions don't work as intended

16% OF TOTAL HEALTH CARE SPEND IS WASTED AS A RESULT

DecisionRx helps providers **optimize medication therapy at scale.**



Identification

Identify members exhibiting the highest medication failure risk using claims data



Communication

Educate and invite members to engage in the free benefit and send DNA swab kit



Optimization

Analyze genetics, medical history, & lifestyle to reduce Rx failure risk



Recommendation

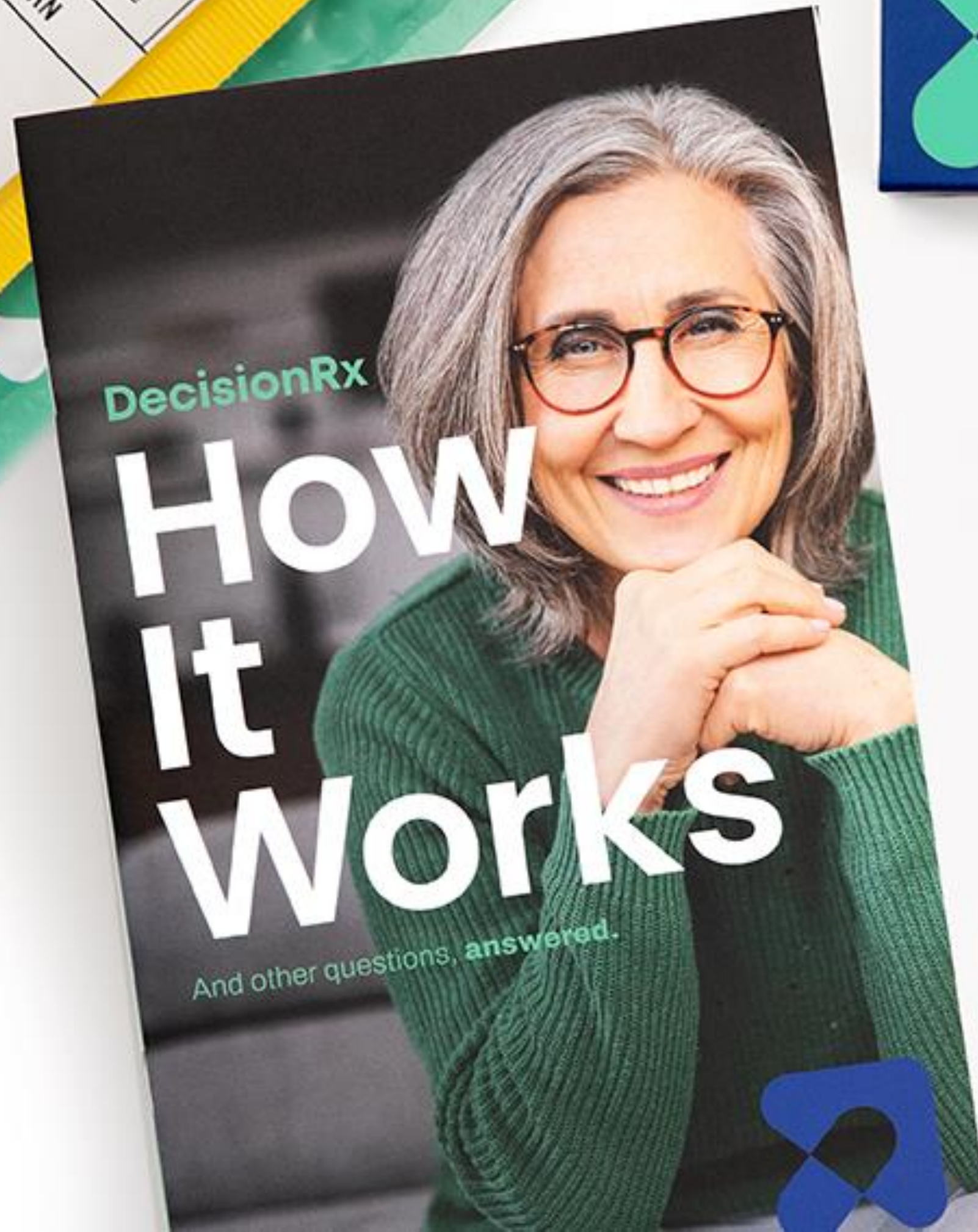
Deliver actionable personalized Rx recommendations to prescribers



Iteration

Repeat the process monthly, measuring the clinical and economic impact

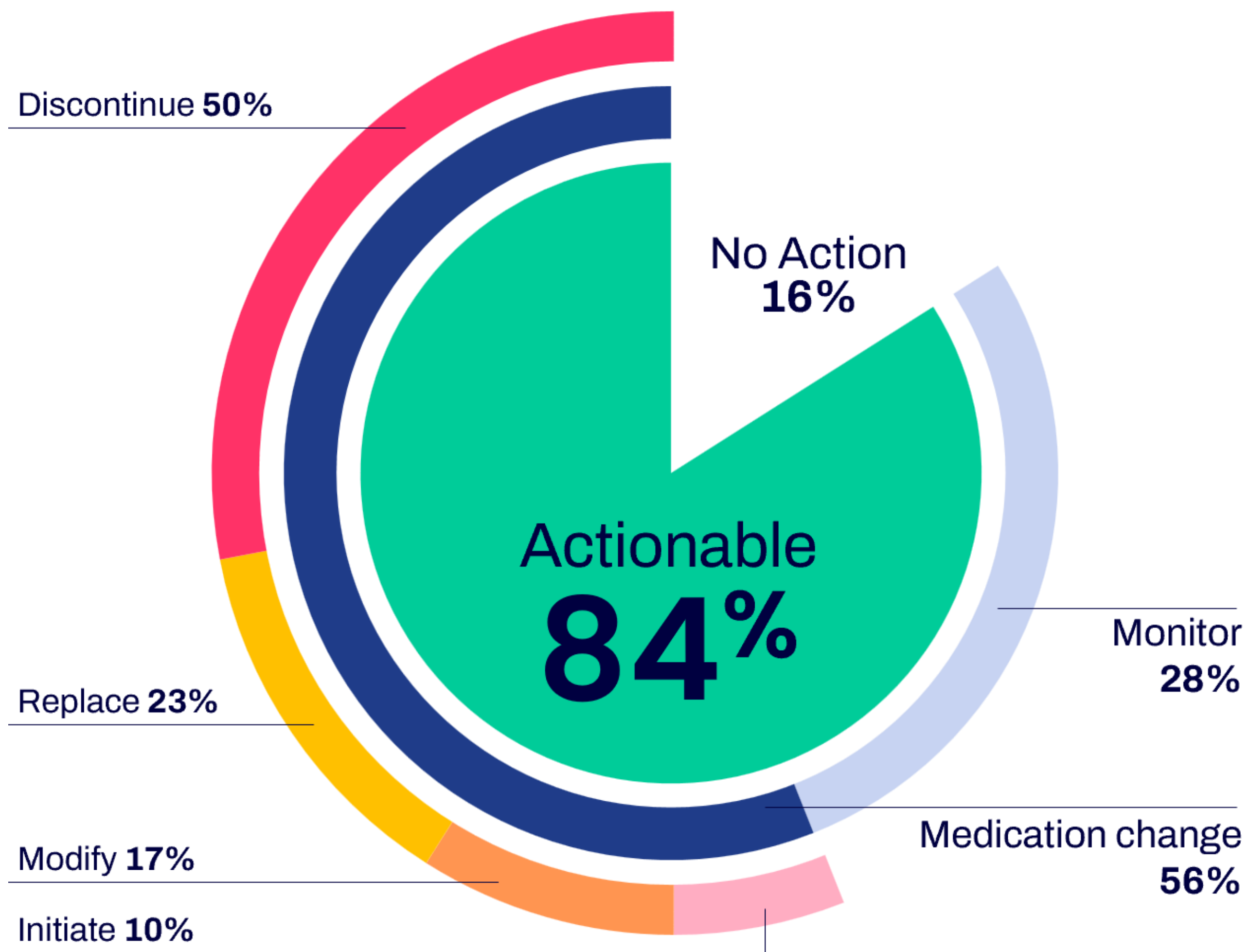




Patient Communication

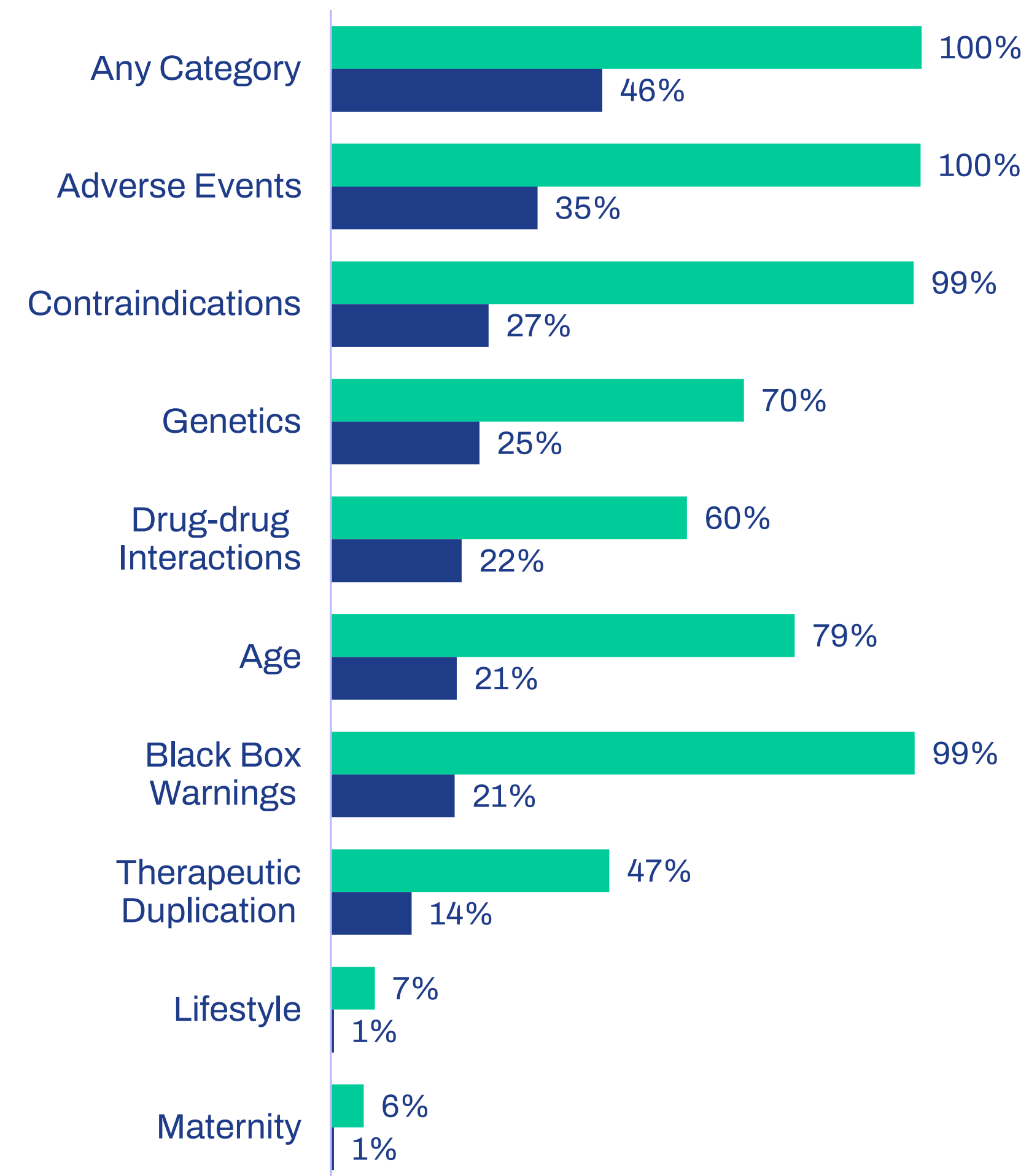


Pharmacist Recommendations (avg 3.9 per patient)

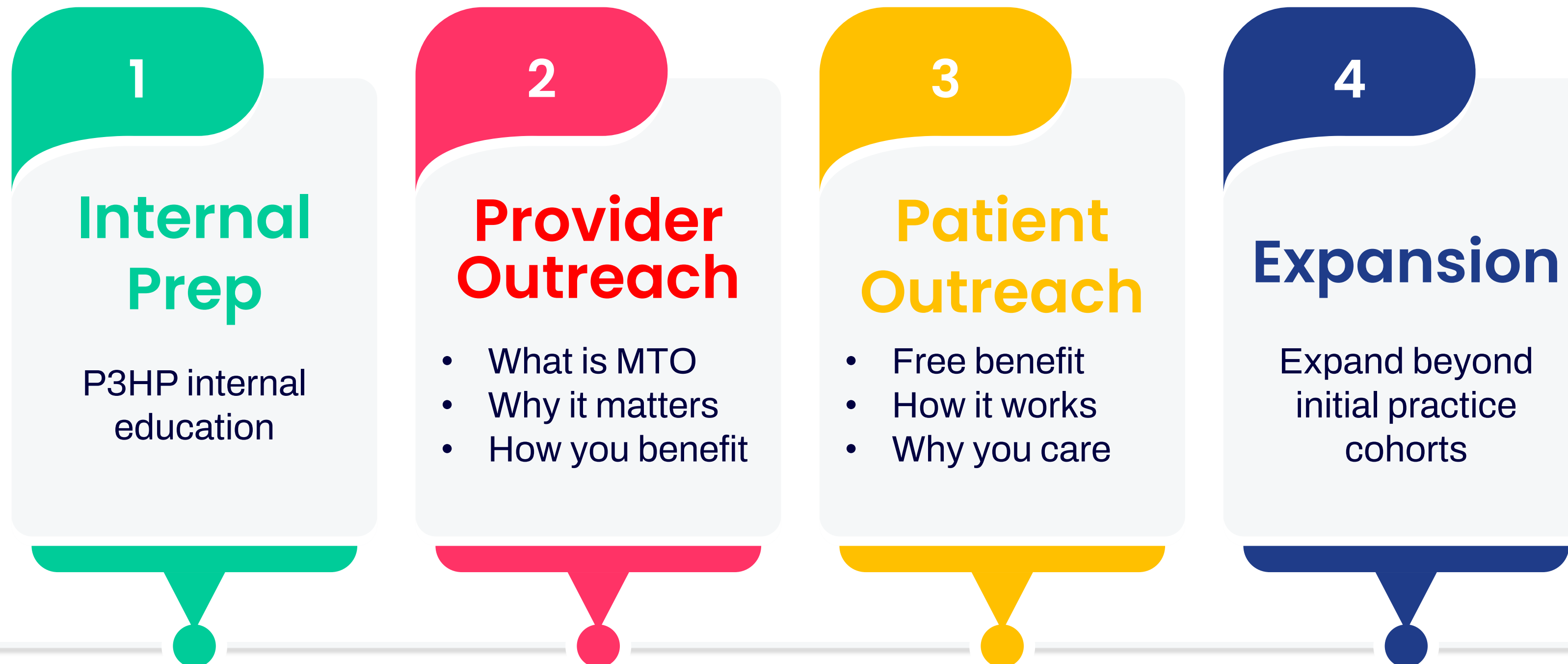


Risk Reduction by Type

■ % of patients with medication failure risk



Rollout Sequence





Together, we can **do better!**



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MTO Impact Illustration

Number of
Lives Covered
128,900

Health
Plan Type

Med Adv. &
REACH ACO

13,663

Patients with
actionable medication
failure risk

883

Preventable
emergency room
visits per year

4,976

Preventable inpatient
days per year



Cash incentives paid to ACO by DecisionRx

\$5,156,000



Annual savings vs. CMS benchmark

\$97,448,400

* Estimates based on aggregated DecisionRx patient data, and assume risk-targeted MTO assessments are completed for 20% of the population.

Doing better is profitable.



High-risk patient summary: Typical Practice Example

219

high-risk
patients identified

4.7

prescriptions

1.9

prescribers

3.1

drug-gene conflicts

2.5

drug-drug conflicts

Practice Revenue Opportunity

\$10,950

cash incentives

\$236,520

increase in annual
shared savings