

CORIGEN®

Medication Safety Program

The Power to Improve Lives, Reduce Costs, and Simplify Decision-Making

If you were taking a medication that wasn't effective, wouldn't you want to know? Now more than ever, it's important for individuals to learn about the power of precision medicine. Coriell Life Sciences' Corigen Program:

Enables appropriate prescribing decisions in accordance with individual genetics in addition to many other personal variables.

Empowers healthcare providers with informed answers rather than more research materials and confusing reports.

Provides real-time regimen modeling that allows pharmacists and doctors to see the impact of medication changes, eliminating trial-and-error guesswork and auditioning of drugs that could be ineffective or even harmful.



The Cost of Getting It Wrong

- Prescription drug spending has exceeded \$300 billion a year since 2015.¹
- Adverse drug events account for nearly 700,000 emergency department visits and 100,000 hospitalizations each year.²
- Medication errors occur in 3.8 million inpatient admissions and 3.3 million outpatient visits each year.³
- There are 275,689 deaths a year attributable to medication errors.⁴

Better Health Through Personalized Medicine

Beginning with an ROI analysis, our turnkey, population-scale Medication Safety Program delivers measurable results for Employers, Health Plans, Pharmacy Benefits Managers, and other large populations. The Corigen Program progresses from member outreach and enrollment to genetic testing, ending with medication therapy management with communication to each participating members' prescribing physician.



Population Analytics

Proprietary risk analysis system reveals "high risk, likely-to-benefit" members



Member Engagement

Fully coordinated education and enrollment



Genetic Testing

Cost-effective, comprehensive DNA testing by CLIA-licensed laboratories



Pharmacy MTM Review

Recommendations of medications to add, remove, change dosing, and keep the same

A Case Study in Smarter Health Care

In 2017, the Teachers' Retirement System (TRS) of the State of Kentucky, in conjunction with Coriell Life Sciences and the Know Your Rx Coalition, launched a Medication Safety Program for 36,000 of its retirees. The members were invited to have their DNA tested to see how they would likely respond to several hundred different medications. More than 10,000 retired Kentucky teachers have already taken advantage of this Program by having their DNA tested without having to leave their homes.



Other Metrics of Success:



reduction in
pharmacy spend



reduction in
hospitalizations



reduction in
slips and falls

Average Savings*:
\$5,176
per enrolled member

Individuals have enrolled each month since the start of the program in January 2018. Cost impact is measured looking prior to and after the delivery of the pharmacist recommendation to normalize data.

*Based on charged amount at 18 months, validated by Aon. 

Power In Knowing™

Coriell Life Sciences is your trusted advisor in genetic science, going beyond genetic testing to provide clinical results that are actionable, eliminate trial-and-error testing, reduce costs, and simplify decision-making. On the cutting edge of precision medicine innovation, we partner with customers to provide actionable solutions, informed by genetic knowledge, to reduce healthcare costs and empower a healthier world.

Coriell Life Sciences acts as a valued partner in helping employers and payer organizations incorporate genetic science into their benefits plans to improve member health, gain population insights, and reduce healthcare spend.

Coriell Life Sciences also delivers actionable interpretation and reporting, informed by genetic testing, demographic data, lifestyle factors and real-time modeling, empowering healthcare providers, pharmacists, laboratories, and patients to embrace personalized knowledge for better medical care.

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¹ "A Look at Drug Spending in the U.S.," Pew Charitable Trust, 2018

² "Medication Errors and Adverse Drug Events," US Health and Human Services, 2019

³ "Preventing Medication Errors: A \$21 Billion Opportunity," Network for Excellence in Health Innovation, 2011

⁴ Watanabe J, et al. "Cost of Prescription Drug-Related Morbidity and Mortality," Annals of Pharmacotherapy, 2018

For more information, connect with us.

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