



Kerry Horne, Assistant Wellness Manager, HealthTrust **Scott Megill**, President and Chief Executive Officer, Coriell Life Sciences **Tom Eckel**, Vice President Sales, Coriell Life Sciences











AGENDA

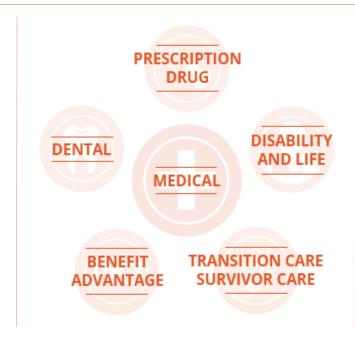
- HealthTrust Overview
 Goals Optimal Health for our Enrollees
- Coriell Life Sciences Overview
- Medication Expense and Risk
- Corigen Medication Safety Program Process
- Case Study
- HealthTrust Experience
- HealthTrust Implementation | Engagement plan
- Testimonials and Participant Feedback
- Questions



HealthTrust Overview

HealthTrust is a nonprofit Risk Pool providing high quality, cost effective medical, dental, prescription drug and ancillary benefit plans exclusively for public sector employers and their employees in New Hampshire.

HealthTrust Member Groups include schools, towns, cities, counties and quasi-governmental entities in New Hampshire.



HealthTrust's staff of 58 employees provide in-house expertise and support for Member Groups and covered individuals, including:

Group Administration, Enrollee Support and Member Engagement:

- Enrollee Services
- Benefits Advisors
- Wellness Advisors
- Communications Team

























HEALTHTRUST'S VISION = OPTIMAL HEALTH

We strive to be New Hampshire communities' most trusted partner in achieving optimum health through a culture of wellness.

Our Slice of Life program offers resources to help our covered individuals achieve and maintain optimal health, and rewards them when they make smart lifestyle choices.

HealthTrust's Mission, Vision and Values form the foundation of all we do. We are proud to be New Hampshire communities' most trusted partner in achieving optimum health through a culture of wellness.

By helping to keep our public sector employees and their families safe and healthy, **HealthTrust** strives to make New Hampshire a better place to live and work – and that's a goal we share with all our Members.

INTEGRITY * SERVICE * COLLABORATION * INNOVATION

2022

MEMBER OVERVIEW

As of January 1, 2022

TOTAL
MEDICAL
COVERED
LIVES



53,268

Active 44,483 | Retirees 8,785

MEDICAL COVERED LIVES BY AGE BANDS

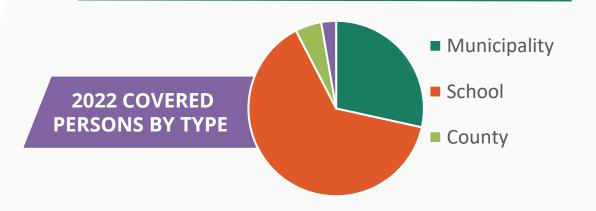


Many Enrollees covered through retirement

OVER 300 MEDICAL MEMBER GROUPS with 400 Collective Bargaining Units

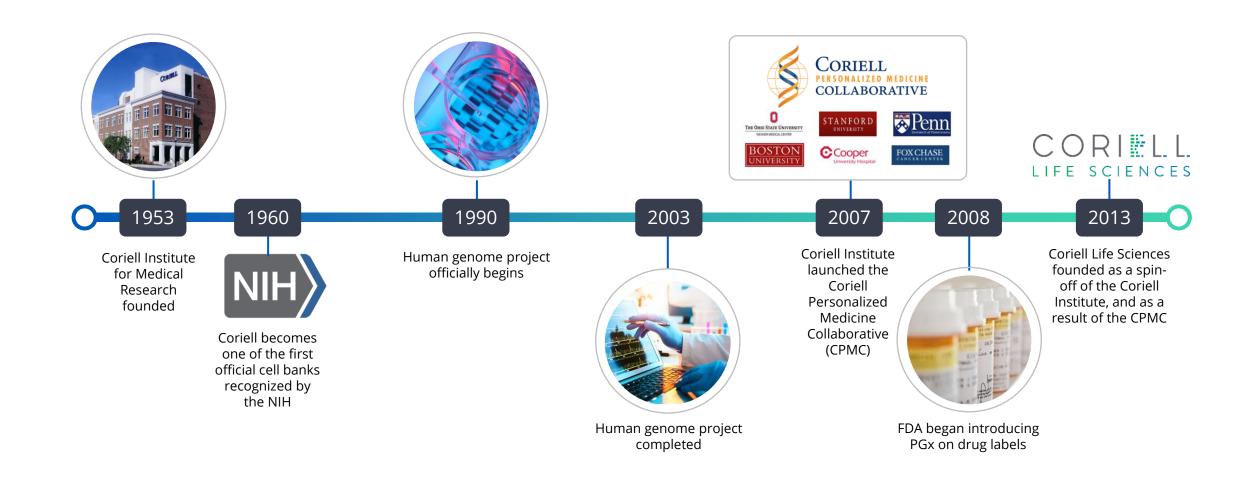
Anticipated savings of over \$37M for 10,000 at-risk members over 3 years

of covered individuals are on at least one medication affected by genetics



A Strong Foundation





Medication: Expense and Risk





Prescription drug spending has exceeded \$300 billion a year since 2015.



Adverse drug events account for nearly 700,000 emergency department visits and 100,000 hospitalizations a year.



Medication errors occur in 3.8 million inpatient admissions and 3.3 million outpatient visits.



There are 275,689 deaths a year attributable to medication errors.

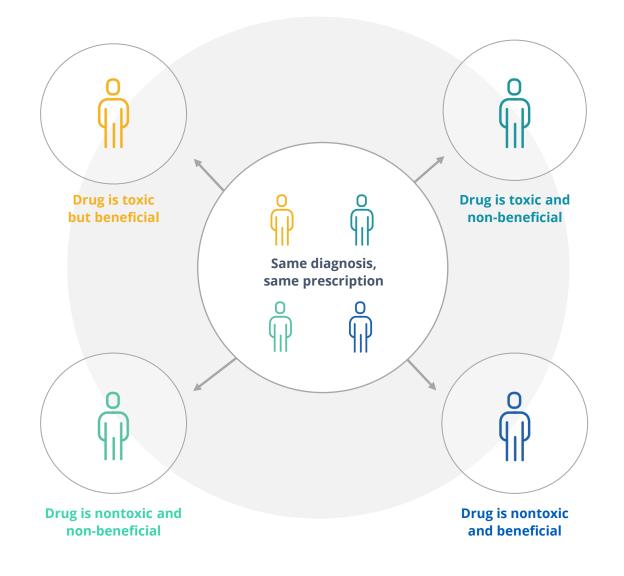
Your DNA Really Matters



Pharmacogenomics (PGx)

Using DNA to see what drugs will be safe and effective





DNA Testing is NOT Sufficient



Corigen®, CLS' Medication Safety Program brings together rigorously-vetted genetic guidance with dozens of other factors of patient-specific prescribing risk.

Healthcare providers are **empowered with answers** rather than research materials.

Real-time modeling allows pharmacists and doctors to see the results of medication changes **before they experiment** with them on their patients.







CORIGEN®

Medication Safety Program

Process Overview

How It Works



The Corigen process is designed to provide you with the information to **make informed decisions**.

With your input, we take care of everything from an initial ROI assessment, to member communications, all the way through to test results delivery and detailed reporting.



Population Analytics













IMPROVED MEMBER HEALTH & SAVING

To begin, complete an ROI Analysis

- Predictive population analysis provides insight into the appropriateness of a comprehensive medication safety program for your organization.
- Identifies which members of the population would benefit.
- Details potential ROI.



Engagement & Enrollment





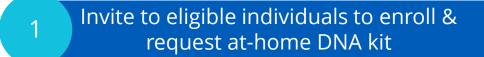








IMPROVED MEMBER HEALTH & SAVINGS



2 DNA kit received

Submit DNA sample via mail

4 Re-engagement (if needed)

+ Electronic status alerts throughout





An optional no-cost program from Quest Diagnostics designed to match you with the right medications

Quest has partnered with Coriell Life Sciences (CLS) to provide a new personalized medicine program to select Quest medical plan members. This program is based on planmacogenomics, which analyzes your DNA to ensure that the medications you are taking nee safe medifficieve for you. Because medications can affect people differently, pharmacogenomics helps you get your medication right for first time – without wasting time and smeary.

There are only 1,200 spots available for Quest employees on a first come, first served basis. If you choose servicinate, this testing is available to you at me cost.

Coriell Life Sciences is a global leader in comprehensive precision medicine, relying on genetic insights to lead a healthier world. Partnering with the healthcare community, they're committed to using the best scientific research

How does it work'

The service, provided by Coriell Life Sciences and performed by Quest Diagnostics, will produce an analysis of your medications and DNA using a sample of your saliva. Empowered with these test results, a team of specialized plantamosits will then work directly will you and your doctors that together you can make afformed, personalized decisions about what is best for your health. You only need to test cance and you'll be able to use the results for the season of the product of

Confidential and optiona

CORINELL
LIFE SCIENCES
Power In Knowing**

Dear Healthcare Provider,

You are receiving this commission because one of your patients have been invited by their health plan to participate in a new plannas-organomics programs with Coviell Life Sciences. As an employee bradfit, selected namehors are survived to participate in plannas-organomics testing at one cost. These patients will be receiving a copy of the letter attached for your

The health plan is fully committed to this program and requests your assistance in making this a success by supporting your patient's participation. Your patient is ill receive a genetic test, followed by a machication review by a test mof planmacists. From that review, the pharmacist voil create a Medication Action Plan (MAP). This MAP will be carefully carated for you to use when considering a treatment plan. We have taken great care to ensure the information you receive is concise and

How cost if word?

Could Life Someon will send your paints a salery collection by With that sample, we see the design of the sample will be send your paints and the sample will be send to the sample will be sample will be send to the sample will be sam

The plannación will fix you you prisent's MAP, which will highlight any recumsided change bend or you plantant or the plantanción will highlight any commended change bend or you plantant or correct medication regions and succisard generic inic (planta see example show). The MAP will also include medication arichestro comparige the current and recommended medication regions, and a summy clear of the patient, gractify the results and clinical implications. The plantancion will be a validable to discuss any recommendations with you. Best regards,

Jeffrey Shaman

Jeffrey Shaman, PhD, MS Chief Science Officer Coriell Life Sciences 1 your coverage or benefits, and no one at Quest will know your results. The and maintained securely, just like any other medical record. Coriell Life sits to provide an analysis of your DNA and will maintain you healthcare sith! Insurance Portability and Accountability Act (HIPAA). If you choose, in medical research with your identifying information removed.

ional, but we are confident that the results could benefit your overall health we you money — by ensuring you are on medications that are right for you. led with taking advantage of this new test, which you can do right from your

al brochure and a letter for your physician. Formore information or to enroll, call the Coriell Life Sciences Enrollment Center at (888) 456-9184.

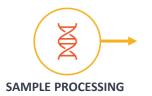
> CORIELL LIFE SCIENCES Power In Knowing**

Sample Processing















- DNA kit shipped to home after enrollment
- Kit arrives with instructions for collection of a small amount of saliva
- Sample gets sealed in box and placed in mailbox (Return label & postage are provided)
- DNA test results analyzed by CLS & sent for pharmacist review
- Alert received to schedule pharmacist consultation





Pharmacist Review & Report





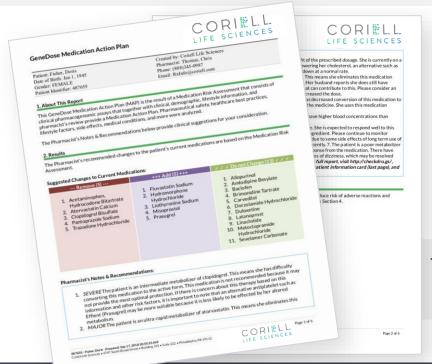








CLS proprietary software, GeneDose LIVE™ allows teams of pharmacists and physicians to review the genetic and non-genetic concerns for individual patients and **quickly shows which alternatives would be best suited**.





The MAP document provides a clear and concise way for the pharmacist to communicate the updated plan to the prescriber.

Medication Compatibility Report (MCR)















The MCR is sent directly to you and will tell you which medications may be best for you **now AND** in the future!

What's in the report?

- Current recommendations (if applicable)
- Future prescribing recommendations
- Additional medications tested
- Next steps
- Genotype results
- References

Improved Member Health & Savings











Actionable Results & Benefits

- Improved overall health outcomes.
- Improved quality of life.
- Reduced pharmacy spend.
- Reduced medication side effects & adverse reactions.
- Decrease in number & cost of outpatient visits.
- Reduction in number of emergency department visits & hospitalizations.





CORIGEN®

Medication Safety Program

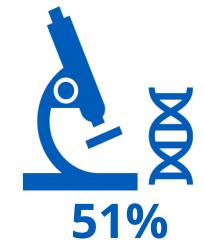
Case Studies

Solutions proven to advance patient health and reduce costs

Case Study 1: Program Success US-based Manufacturer

1,000+

have already enrolled!



members were on medications that react poorly with DNA



Members had a change to their medications recommended



Members were at high-risk of drug interactions

100% of enrolled members received a report with actionable impact!

Case Study 1: Cost Savings Achieved at 5 months



A decrease of \$266.3 PMPM in the intervention group results in a cumulative cost savings of \$243,665 over the initial 5-month course of the post-program period.

Resulting PMPM cost avoidance of \$266.30

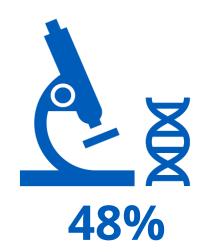
Cumulative cost savings at 5 months: **\$243,665**

Case Study 2: **Program Success**Out-of-state Retirement System



10,000+

retired teachers have already enrolled!



Participants were on medications that react poorly with DNA



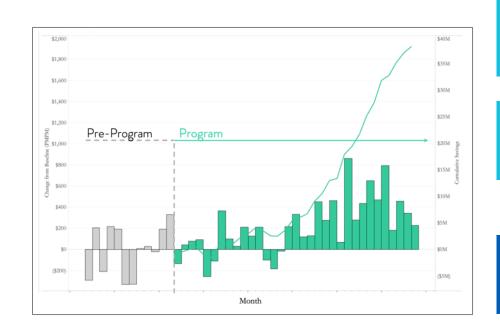
Retirees had a change to their medications recommended



Retirees were at high-risk of drug interactions

Case Study 2: Cost Savings Achieved at 32 months





Resulting PMPM cost avoidance of **\$218.82**

Per member cost savings at 32 months: \$7,002.24

Cumulative cost savings at 32 months: \$37M

New Programs: Launched in Previous 12 Months



Self-funded International Reference Lab 47,000 employees

US-Based Equipment Manufacturer 70,000 employees



New Hampshire Public Sector Employees 55,000 eligible individuals (includes Actives, Retirees and Covered Dependents.)

Statewide Public Employee Retirement System with PBM 189,000 members

International Hotel Chain 127,000 employees

National Single-payer Healthcare System 35,000,000 residents

HealthTrust Experience





HealthTrust Implementation Timeline

















2019

2019 Board of Directors Presentation by Coriell Life Sciences (CLS) and Teachers' Retirement System, Kentucky

Initial Population Analytics 2020 Discovery

2020 Research and development of program

Board of Directors vote to implement the CLS Medication Safety Program 2020 Program Design & Configuration

Implementation Planning & Program strategy

Eligibility

Engagement Strategy

Program Communication Materials Review 2021 Implementation & Planning

Internal
HealthTrust
Committee –
Engagement,
Communications,
Cross-department
Training

Finalize all branded materials

August 2021 Go Live

Launch!

Member & Enrollee Communications

Postcards

Webinars and Presentations Ongoing Tracking & Support

Weekly CLS/HealthTrust Team Meetings

> Real-time Dashboard

February 2022

Over 1,000 Covered Individuals

Engagement Plan





- Communication materials developed and designed
 - Internal Teams Review
 - HIPAA Team Review
- Association meetings, conferences and webinars
 - Member Group outreach & Training
 - Association Workshops & Webinars
 - Newsletter Articles



- Post cards & Emails to Enrollees
- Secure Portal Promotions
- Wellness Coordinator Promotions
- Corigen Medication Safety Program Video
- Developed testimonials through feedback
- HealthTrust Annual Summit Presentation
- Continued communications and messages

HealthTrust Promotions





POST CARD



NOTEPAD

Corige	n® Medication Safety Program
	Discover if the medications you take now – or could take in the future – are right for you with the Corigen* Medication Safety Program.
	rn more at corloll.com/healthtrust by calling 888.456.9184.
	CORIELL LIFE SCIENCES HealthTrust

EMAIL FOOTER



WEBSITE TILE



Participant Testimonials



"On my "Medications I should avoid," three of the four drugs belonged to a class of drugs I had tried back in my twenties; I really wish I had had this program back then! Suddenly, I had an explanation for why those medications didn't work for me, and why I experienced so many side **effects from them**. On my "Use With Caution" list there were 25 medications, several of which, given my age and health history, I might have been prescribed in the future, such as a well-known blood thinner, certain drugs that treat high blood pressure, heartburn and gastroesophageal reflux. Now I know to seek alternatives to those medications if I need to treat those conditions in the future. If I have an organ transplant in the future, there is a common medication, that helps prevent organ rejection, which will not be effective for me based on my "Caution" list. How powerful is it to know

that? This information could potentially save my life in the future!"



Wendy Lee Parker HealthTrust Executive Director

Participant Testimonials



"As a parent of a **young child with ADHD** and other complex medical conditions, my spouse and I have been contemplating whether or not it's **time to consider medications to help manage his ADHD**. We knew the "trial and error" prescribing that is often associated with ADHD can be a lot on children, parents, and other caregivers. That's where this **new Medication Safety Program** has essentially provided us with a road map of **medications that may be safer and more effective for him**. We look forward to discussing these options with his provider.

Beyond assisting us with our current need, the Medication Compatibility Report will be an extremely useful resource for us and his providers in the future. Having this new program available to us through HealthTrust, is another great tool in our toolbox as parents to help

navigate caring for a child."

"the Medication Compatibility Report will be an extremely useful resource for us and his providers in the future"

Jennifer Thompson HealthTrust Risk & Control Officer

Participant Testimonials



"A lot of people, like myself, will deal with depression at some point in their life. **If you could eliminate the trial-and-error of antidepressants, wouldn't you want to?** That can save so much time and effort and help you start to feel better mentally a lot faster.

Knowing the medications that will work for me in the future is huge. Health is something that we sometimes take for granted. Just because I am fairly healthy right now, doesn't mean that can't change in the future.

Knowing the medications that work for me and the ones that don't give me a peace of mind that if anything were to happen with my health, I am prepared."



Krista Bouchard HealthTrust Wellness Advisor



If a medication is unsafe or won't work for you, wouldn't you want to know?





Thank You

www.coriell.com



