Welcome to the innovative future of medication match-making.

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Q: What is Pharmacogenomics (PGx)?

PGx is the relationship between the medications we take (pharmacology) and how our genes tell our bodies to use them (genomics).
RAPID METABOLIZER
Not Therapeutic

NORMAL METABOLIZER
Therapeutic Window

SLOW METABOLIZER
Toxicity
IS PGx WORTH THE INVESTMENT?

PER PATIENT SAVINGS
$3,962
annually when PGx is used to optimize depression treatment
Maciel A et al. Neuropsychiatr Dis Treat. 2018;14:225-30

PER PATIENT REDUCTION
$788
in health expenses after 4 months
IS PGx WORTH THE INVESTMENT?

FEWER EMERGENCY ROOM VISITS

FEWER HOSPITALIZATIONS

Perlis RH et al. *Depress Anxiety* 2018;35:946-52
PGX CONSIDERATIONS

DESIRED OUTCOME
Reporting or Clinical

LAB QUALITY
Direct-to-Consumer or Medical
Extent of Testing

COST AND PAYMENT
Wellness Benefit or Medical Benefit
Case Study: Mental Health
Q: What will the patient experience look like?
Pharmacist consultation
Self-administered swab sample
Mailed directly to the lab
Results on private portal
Ongoing medication monitoring
Q: What does medication management look like WITHOUT PGx?
Increased side effects
Compliance with no health benefit
Trial and error
Repeated visits to doctor’s office
Unnecessary visit to ER
Unnecessary cost of medications
Q: What will medication management look like WITH PGx?
Decreased side effects and increased compliance
Confidence in prescribing the right medication
Getting it right the first time
Real time patient portal as a resource
Values patient’s work and personal time
Reduces medical costs for employer and patient
Are you ready to bring greater health to your people in less time at a lower cost?
RICH MOUSTY
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QUESTIONS AND ANSWERS