PEPID

PGx

Precision Medicine IS HERE

25+ Years Experience

159 Countries

1,000+ Institutions

30+ Strategic and Editorial Partners

HIMSS North America PLATINUM Corporate Member

As we celebrate our 25th year in 2019, I can't help but reflect on the tremendous growth I've personally witnessed PEPID achieve. For nearly 2 decades, I've watched PEPID serve as a vital resource for tens of thousands of clinicians and healthcare facilities across the globe. In today's era of big data and rapidly-evolving market and cost trends, PEPID continues to play a critical role in meeting patient outcome and quality measurement objectives that ensure elevated standards of care and safety.

To stay at the forefront of this ever-evolving space, I'm proud to introduce one of the most cutting-edge clinical resources available on the market today: **PEPID PGx** – a predictive pharmacogenomic reference and interoperable repository for drug-drug and drug-gene interactions, cleverly designed to combine superior usability with actionable information.

I am especially excited to launch such a one-of-a-kind clinical tool that directly addresses the costly epidemic of adverse drug reactions, an all-too-common driver of medical costs and preventable morbidity and mortality worldwide. It is my greatest hope that through **PEPID PGx**, your clinical practice or institution can reinvigorate the focus on patient-centered care, leading to *safer medication administration, more personalized treatments, and improved patient outcomes.*

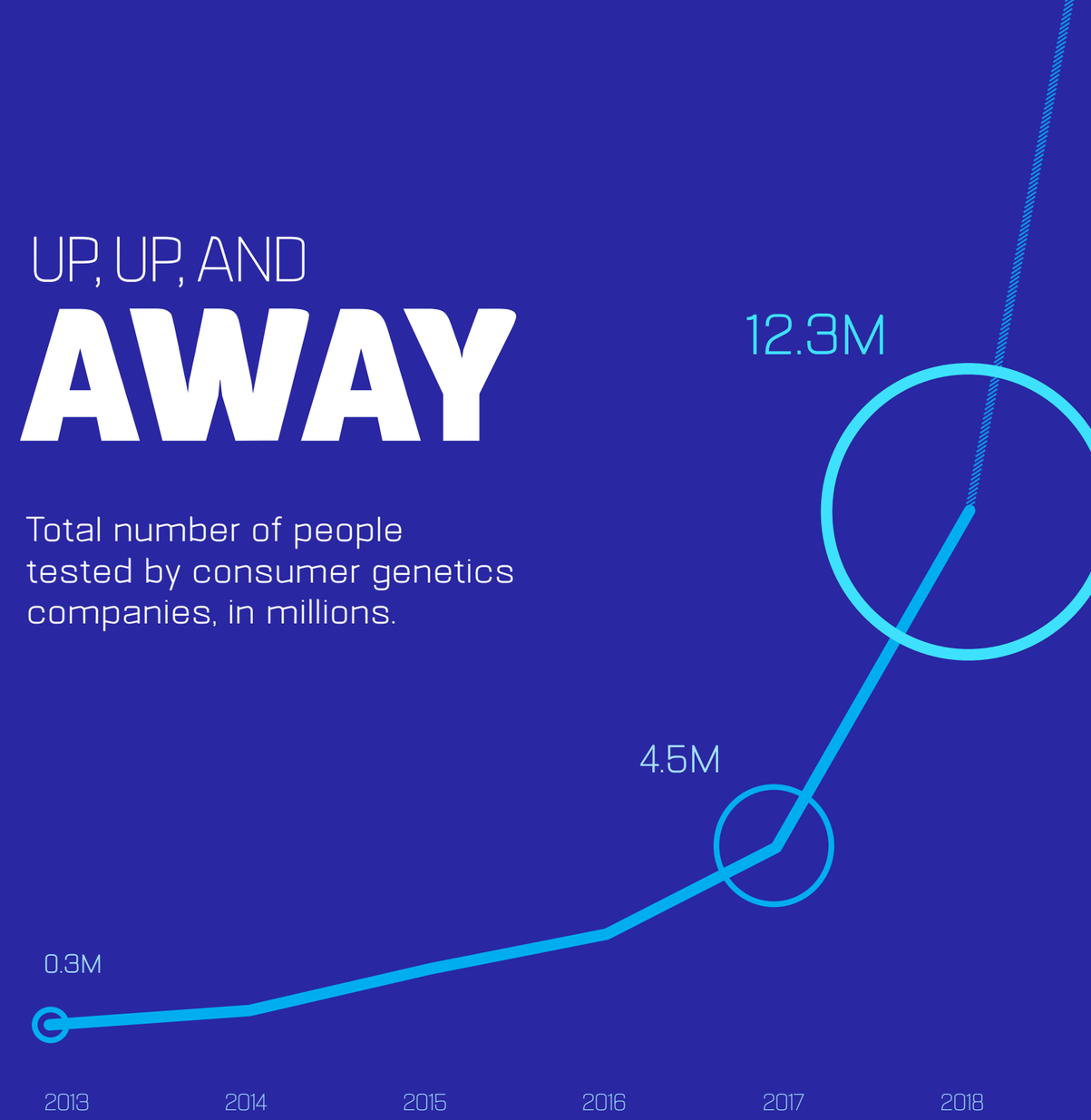
Since 1994, PEPID has consistently developed innovative clinical solutions. Today as we stand at the cusp of a true healthcare revolution, we will continue to create even bigger opportunities, redefine standards and, through our valued partners, impact countless lives for the better. The possibilities and challenges ahead are endless, and PEPID is – as we've always been – poised to take them head on.

Sincerely,

John C. Wagner
President, PEPID

UP, UP, AND **AWAY**

Total number of people tested by consumer genetics companies, in millions.



source: ISOGG, Leah Larkin company reports.

63% of direct-to-consumer personal genomic testing consumers plan to share their genomic results with a Primary Care Physican.
–National Institutes of Health

4th leading cause of death in US is adverse drug reactions

75% of PGx treatments are more cost-saving and cost-effective

$30.1B is spent by health providers each year on preventable ADRs and readmissions

Van, C. H., Carere, D. A., Maitland-van, A. H., Ruffin, 4. T., Roberts, J. S., Green, R. C., & Impact, G. R. (2016, April 19). Consumer Perceptions of Interactions With Primary Care Providers After Direct-to-Consumer Personal Genomic Testing. Retrieved from https://www.ncbi.nlm.nih.gov/pubmed/26928821

www.ncbi.nlm.nih.gov/pmc/articles/PMC5637230/

PEPID PG*x*

UNLOCKING THE POTENTIAL

Returns over 1,000,000 drug-gene interaction monographs.

Superior usability reduces clicks and time to answer.

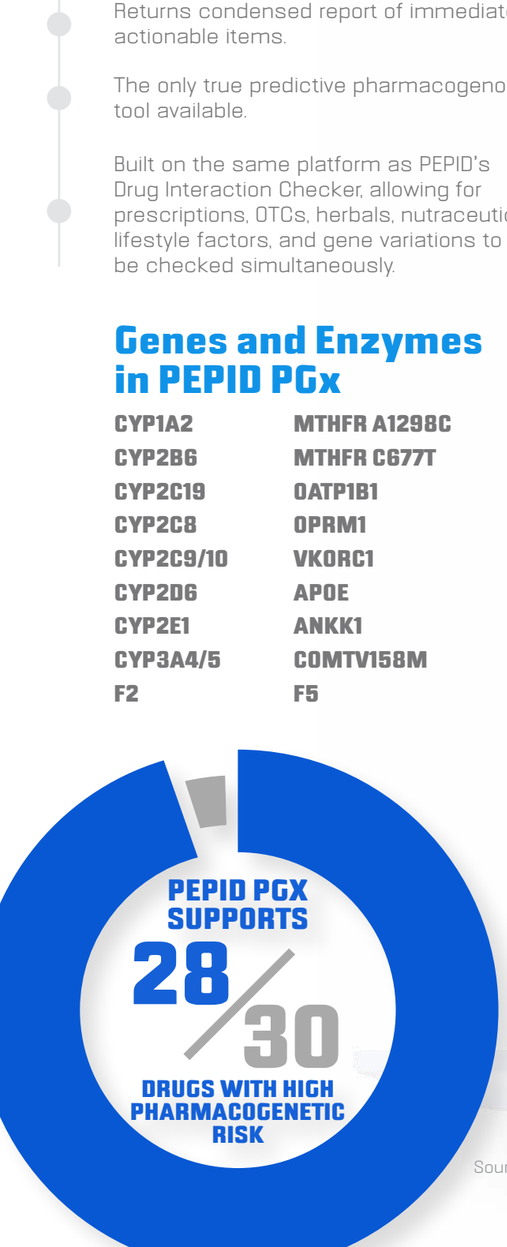
Returns condensed report of immediately actionable items.

The only true predictive pharmacogenomic tool available.

Built on the same platform as PEPID's Drug Interaction Checker, allowing for prescriptions, OTCs, herbals, nutraceuticals, lifestyle factors, and gene variations to all be checked simultaneously.

Genes and Enzymes in PEPID PGx

CYP1A2	MTHFR A1298C
CYP2B6	MTHFR C677T
CYP2C19	OATP1B1
CYP2C8	OPRM1
CYP2C9/10	VKORC1
CYP2D6	APOE
CYP2E1	ANKK1
CYP3A4/5	COMTV158M
F2	F5



Source: National Center for Biotechnology Information

Predictive PGx results identify ADRs before they happen

Instantly check new treatments against patient record

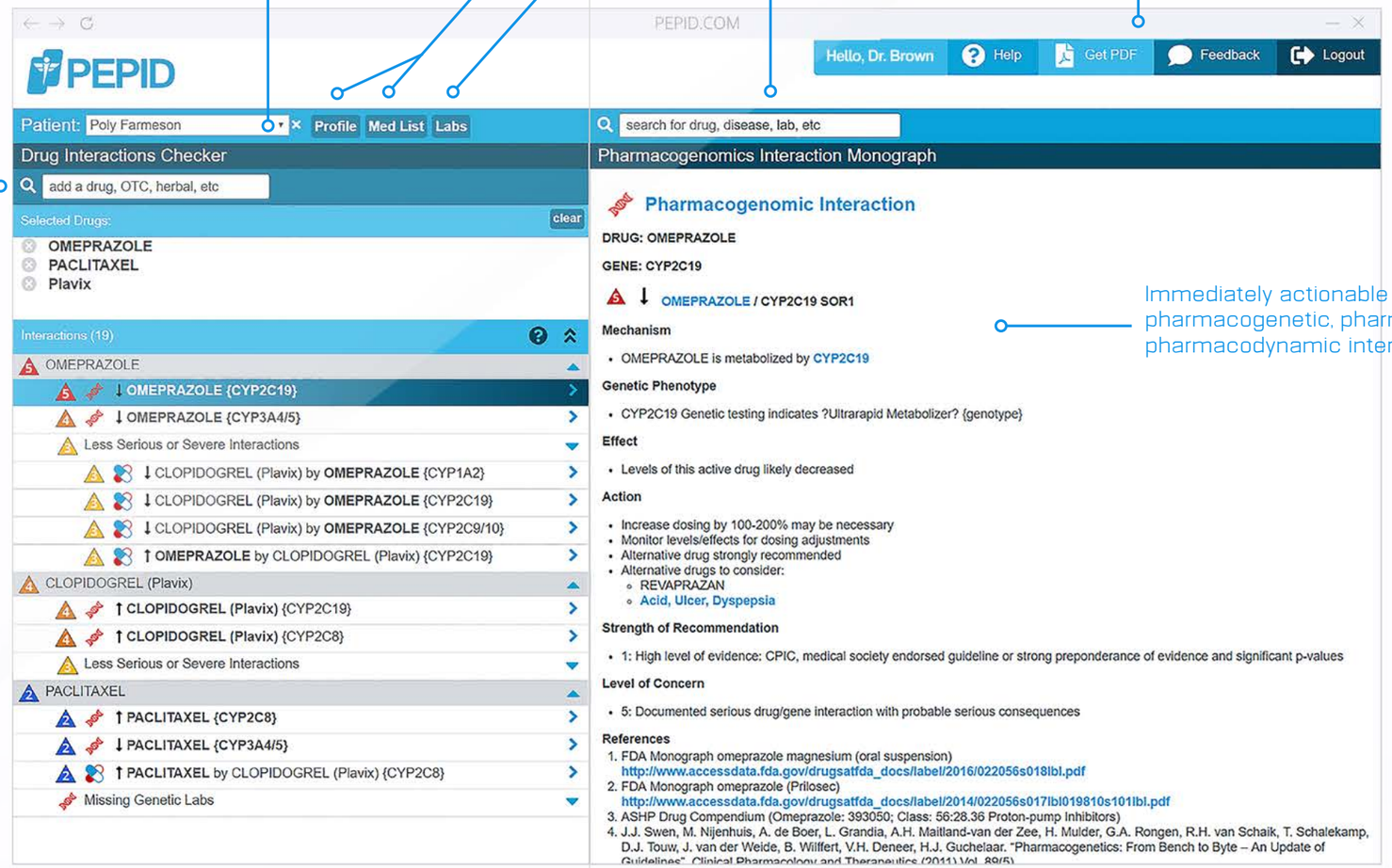
Easily locate patient records

Patient profiles and med lists synced from existing records

View lab results synced from external lab or entered manually

Reference PEPID's comprehensive drug database

Shareable interaction monographs



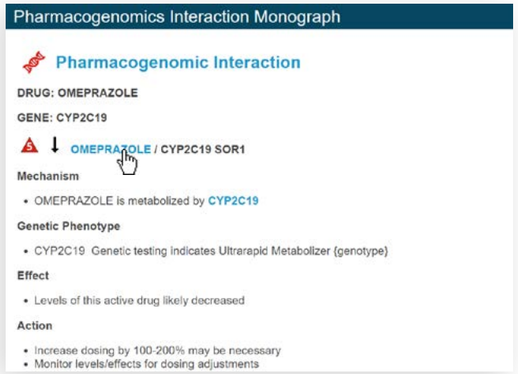
Immediately actionable information on pharmacogenetic, pharmacokinetic, and pharmacodynamic interactions

MOVING FROM

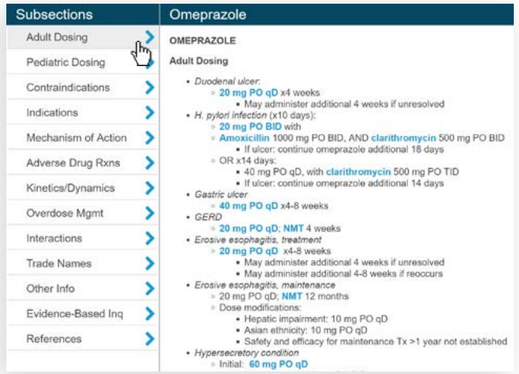
DATA TO DECISIONS

PEPID PGx is backed by the PEPID Drug Database, combining information on over 100,000 drug products, trade names and generics, herbals and nutraceuticals, and more into a single interface that provides all the information clinicians need to immediately optimize patient treatments.

Alternative Dosing

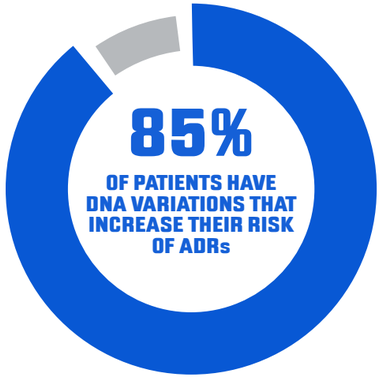


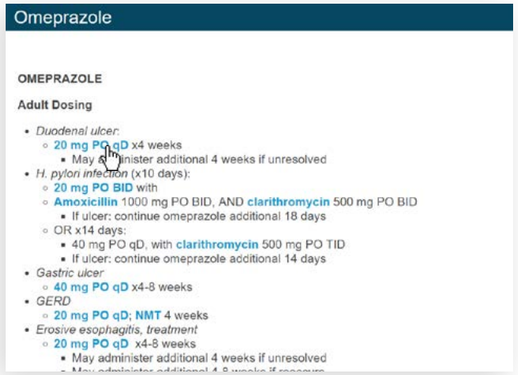
Interaction monographs are embedded with in-depth content for relevant drugs and genes.



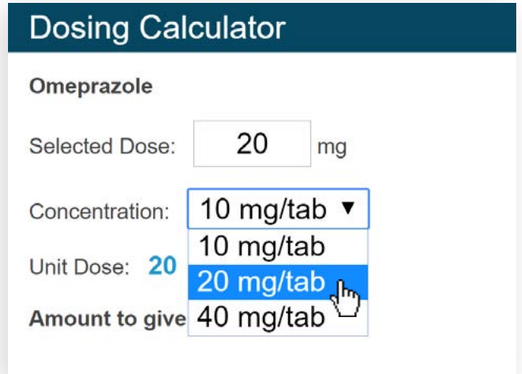
Delve into monographs, using Quick Links to rapidly access relevant sections.

ACTING ON PGx RESULTS TO IMPROVE PATIENT CARE



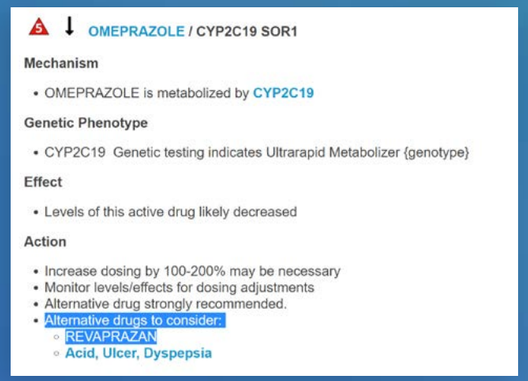


Reveal comprehensive yet action-oriented monographs that include dosing information by selecting a linked drug or gene.

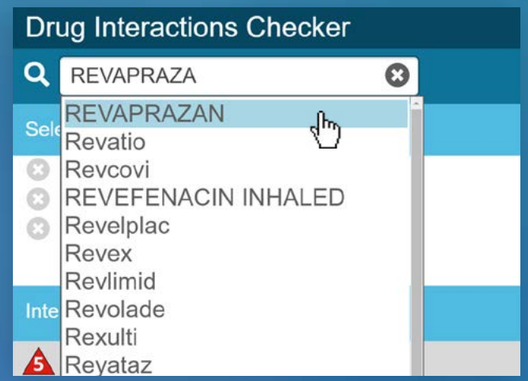


Use a prepopulated dosing calculator by selecting a linked dose. Choose from standard drug concentrations to determine an alternative dose.

Evaluate Alternative Treatments

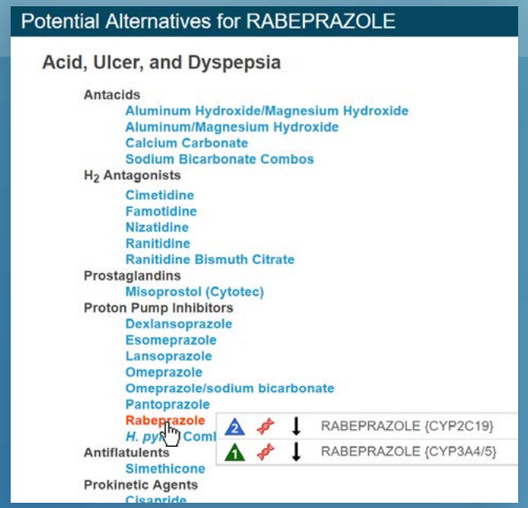


View each interaction's general warnings before considering alternative treatments. Alternative drugs to consider are listed under Actions.

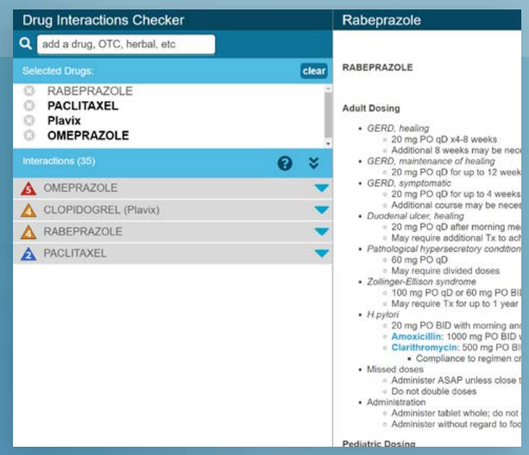


Add the possible alternate drug to the PGx checker to verify if other interactions may exist.

Alternatively, select the drug class to view a complete list of possible alternative drugs.



When viewing the drug class list, hover over each alternative to run an instant, focused PGx check.



After finding a preferred alternative, selecting a drug on the drug class list prompts an automatic swap in the PGx checker and presents the new drug's monograph.

Answers That
Empower Action

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