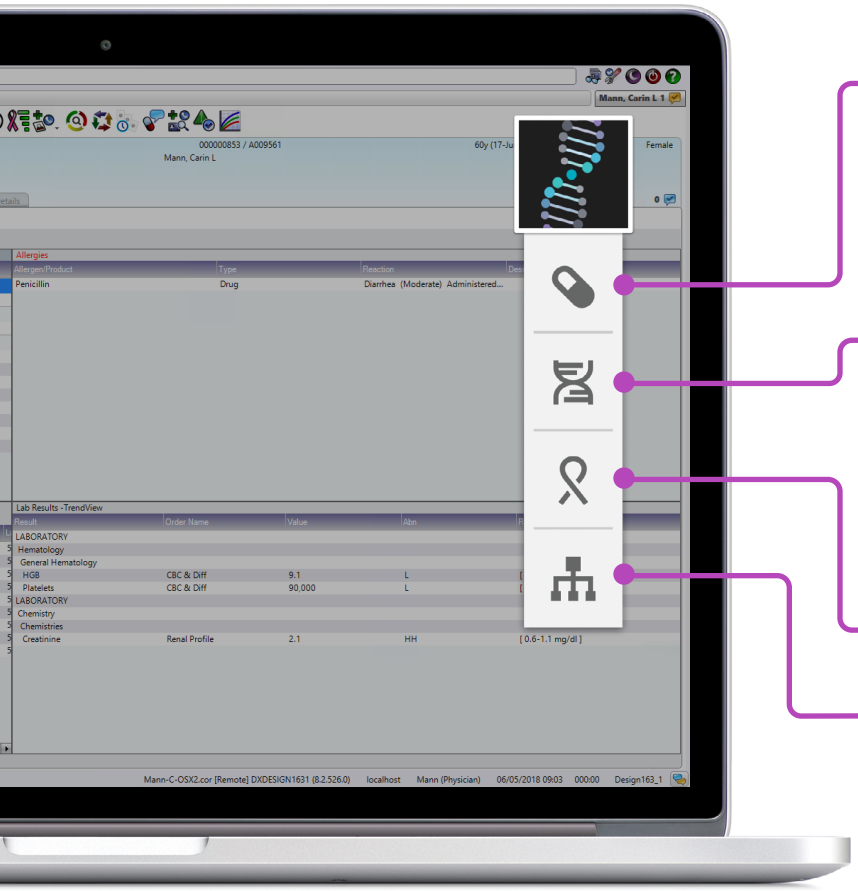
2bPrecise™ Platform

Genomic Decision Support
Within the Clinical Workflow

2bPrecise enables you to mobilize an in-workflow precision medicine strategy across the enterprise, or advance along a single front via individual modules, depending on organizational priorities.



Drug-Gene Interactions

Personalized medication decisions for patients. Improving patient safety, reducing adverse effects and speeding therapeutic response.

Patient Genetic Profile

Home in on heritable factors that in-form prevention, precise diagnosis and effective treatment.

Precision Oncology

In-workflow access to somatic results... delivering tumor genomics without the PDF chase.

Family History

Pedigree tools capture and expose risk. So appropriate genetic testing can guide the best course of action.

2bPrecise™

Value of an Enterprise Platform

Rapid growth of genetic testing, molecular profiling and genomic-based treatment has created a new, practical challenge for health systems: How to incorporate precision medicine into clinical workflows. Virtually every service line today – pediatrics, maternal fetal medicine, neurology, behavioral health, cardiology, oncology and more – seeks access to this valuable genomic information.

Cloud-based, the 2bPrecise platform consumes molecular data from labs and clinical information from the EHR, synthesizing them into a clinical-genomic ontology and delivering precision medicine insights to providers within their familiar workflow across any EHR. Plus, the solution is built to interact with evolving knowledge sources and care guidelines. When integrated as part of the complete compendium of patient information, this actionable data set helps drive better diagnoses and faster treatment.

2bPrecise delivers a smart technology infrastructure that not only supports genomic data management today but provides in-workflow access to valuable informational resources far into the future.

Plus, the solution provides scalable operational benefits:

- **Optimize a manual, document-driven process and deliver a consolidated view of patient results**
- **Simplify workflows and connect care teams across the enterprise – providers, genetic counselors, pathologists, pharmacists, etc.**
- **Deliver a consistent clinical experience across the organization when providers access genomics, no matter what EHR they use**
- **Enable leadership to govern clinical practice around genetic/genomic testing for greater efficiency and value**

Immediate and Downstream Impact is Transformative

Equips providers for better clinical decision making

- No longer need to call (or wait for) pathology or genetic departments to find out if testing has been done and what the results indicate
- Point-of-care insights into patients' genetic and genomic history without leaving workflow
- Fingertip links to evidence-based guidelines and current literature (supports clinical decision making and augments providers' knowledge)

Enables organizational efficiency, excellence

- Standardizes precision medicine practice (and reduces duplicate testing)
- Reporting gives leaders visibility into who's testing and what labs they're using
- Data can be aggregated and used for clinical research
- Differentiation from competitive health systems (higher quality, better outcomes, improved patient and provider satisfaction)

Engages patients with personalized care

- Elevate the patient experience (care teams are better informed)
- Prevention and screening can be activated sooner when familial risk is identified
- The right diagnosis and treatment are determined sooner for improved outcomes
- Less chance of adverse drug reactions, unnecessary readmissions and ED visits

Functionality to Drive Genomic Strategy

In-workflow genetic & genomic results

Fingertip visualization of germline results helps providers quickly identify when important genetic/genomic information exists and evaluate resulting recommendations. They are then able to drill down into additional details and review clinical evidence for optimal and informed decisions.

Drug-gene interactions

Access to pharmacogenomic (PGx) information about drug-gene interactions as the provider makes prescribing decisions lessens the burden on pharmacists and helps patients get the safest, most effective therapy sooner. Because 2bPrecise incorporates a curated PGx knowledge source, results can be re-interrogated to inform future prescribing decisions based on the latest actionable guidelines.

Precision oncology enablement

2bPrecise delivers somatic results – the molecular profile of tumor tissue – directly into the oncology workflow, empowering providers to determine the treatment most likely to produce the best results. The information likewise helps match patients with clinical trials by interrogating molecular inclusion and exclusion criteria ingested from a Clinical Trials Management System or other clinical trial databases. Because data is presented within the patient context, providers can also assemble relevant molecular information to facilitate more productive tumor board discussions and identify patients with similar genotypes/phenotypes to understand how they were treated (and to what effect).

Family history charting

A patient's disease heritability risk is the first line of any precision medicine program. The ability to analyze inheritance patterns may enable prevention and earlier intervention – and allows patients to alert family members about their risks as well. 2bPrecise Pedigree not only facilitates appropriate genetic counseling but, because family history is incorporated as discrete data within a larger precision medicine solution, it can also be used with genotype/phenotype information to power the underlying analytics engine for calculating risk.

Candidate identification & population stratification

Algorithms can be applied within 2bPrecise to identify candidates or cohorts that might be at increased disease risk or who may benefit from genetic/genomic testing.

Research-ready

The correlation of phenotype and genotype as known and available today, combined with the clinical-genomic data model, provides the framework for closed-loop, research-to-care translations and establishes the foundation for future scientific discovery.

Mobilize Your Precision Medicine Strategy with 2bPrecise

With 2bPrecise you can implement enterprise-spanning functionality or advance along a single front via individual modules, depending on organizational priorities. Visit our website today to request a demo – and to learn more about the platform and our independent precision medicine modules including Pharmacogenomics, Precision Oncology, Genetic Disease Risk and Patient Germline Profile.

www.2bPreciseHealth.com

2bPrecise is fully integrated with Allscripts EHRs and is a member of the Cerner *code* Developer Program.