E360™ GENOMICS: A SCALABLE, PRIVACY-PRESERVING GENOTYPIC-PHENOTYPIC RESEARCH PLATFORM

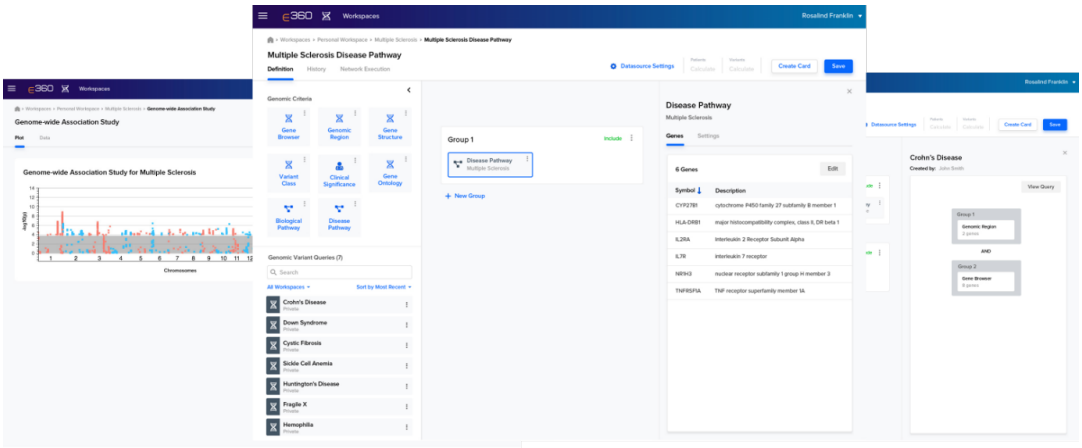
Provides an efficient way to conduct genomic research with genomic and clinical databases

E360™ Genomics platform provides users with immediate access to aggregated data at scale for conducting a broad range of research including gene-phenotype association, comparative effectiveness and safety, burden-of-illness, and drug target discovery, all while using non-identified data in a secure environment that protects patients' privacy.

IQVIA's patented techniques enable transformation of genomic data into a non-identified format, allowing linkage with clinical data crucial for improving life science and healthcare delivery research.

The result is a more flexible and less expensive approach for scientific inquiry into human biology, drug discovery, and drug development.

Powered by IQVIA CORE™, the E360™ Genomics platform can manage the scale and complexity of genomic datasets and draw insights from a significantly increased number of covariates while preserving privacy.



KEY FUNCTIONALITIES

- Cohort building using both genomic and clinical criteria
- Traditional statistical tools built on Python and R
- Specific genomics analytic methods/tool sets (e.g., GWAS, PheWAS)
- Data visualization (e.g., Manhattan plot)
- Seamless integration with genomic de-ID technology

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