DNA analysis with electronic medical records can improve health outcomes for the U.S. population.

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Dr. Ken Wiley and Dr. Robb Rowley from NIH’s National Human Genome Research Institute provide an overview of the agency's eMERGE Network, a national network of medical institutions and clinical sites advancing genomic medicine. The federated network is using large-scale data analytics and informatics on patient DNA and their electronic medical records to improve health outcomes for those with common
diseases, such as cancer and heart disease.

In this interview, they discuss the importance of diversity in clinical research, FHIR APIs and interoperability standards, security and patient privacy, cloud-based platforms, natural language processing and more.