Predicted Impacts:
Data Analysis

Patients will increasingly use devices connected to the Internet of Things (IoT), and will expect to share patient-generated health data (PGHD) with their providers, and for those data to be used to inform treatment plans.

The further adoption of value-based payment models and their emphasis on high quality care at lower costs will incentivize physicians participating in such models to seek out insight from data analytics to maximize efficiency in their practices.

Semantic computing and natural language processing will increasingly be applied to unstructured data, allowing for greater clinical discoveries at faster speeds than were previously possible.

As increasing numbers of medical school graduates and residents who grew up using computers enter practice, errors related to record keeping in EHRs will decline.

More clinical support tools will become available that provide insights driven by data analytics to physicians at the point of care.