AUTOMATING PRECISION MEDICINE

MyPatient 360 combines all relevant patient data and offers machine learning powered visualization tools to explore and derive insight. MyPatient 360 was tailored for Tumor Board application to bring together disparate data from clinical silos. The ODA framework provides optimized data stores and algorithms to keep your data footprint low

AUTOMATION AGGREGATION ANALYSIS

At ODA we develop infrastructure for aggregating and analyzing multidimensional data to enable our customers to build knowledge and enable precision medicine

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MyPatient 360°

ODA
OMICS DATA AUTOMATION

PATIENT SNAPSHOT

Even looking at one patient can be a challenge. However intelligent use of EHR systems, omics, and imaging storage solutions and innovations in user interface provide a path forward. This allows clinicians and researchers alike to understand a patient's salient data points efficiently.
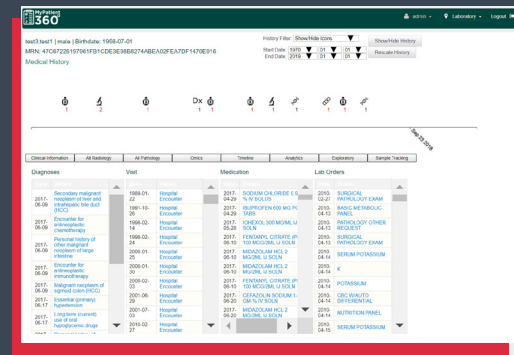
- Bringing together a visual representation of patient history and all recent diagnosis, visits, medications, and lab orders in one interface.
- Allows clinicians to quickly assess a patients medical history and filter for relevant events.
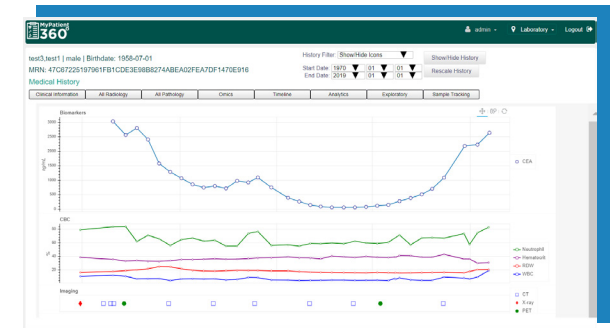
CLINICAL TIMELINE

Using biomarkers to track patient progress is a vital tool to determine the effectiveness of a treatment regimen. Visualizing biomarkers such as blood work results, cell counts, etc. provides insight which can be used to quickly adjust treatments. The ODA Framework is used to quickly access & visualize this variety of data.

CO-REGISTERED SLIDE VIEWER

Next-generation pathology and imaging is generating more and more relevant visual patient data. ODA is developing new tools to enable ways for clinicians to quickly and efficiently view and process this data. ODA's custom viewer uses the ODA Framework to process and register stained tissue samples and display the full-resolution slides. Our custom compression algorithms enable the viewer to have snappy, full zoom & pan tools.