The Power of Advanced Real-World Data Analytics

VisualStrata is a healthcare informatics platform that gives oncology professionals the power of advanced real-world data analytics to increase clinical trial participation and reduce administrative burden and improve oncology practices' financial health. Clinicians can visualize longitudinal patient journeys, treatment paths, and identify cohorts for clinical trials thereby expanding patient care options.

Data is an oncology group's most valuable asset. Curation of EHR/EMR data, multi-specialty diagnostic results, therapy data, and most importantly genomic data and social determinants of health (SDOH) with VisualStrata helps uncover new opportunities for patients and professionals.

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Community oncology practices are uniquely positioned to provide data to improve the health of population cohorts. Biopharma organizations working with multiple oncology practices can identify and research patients with specific demographic, phenotypic or genotypic characteristics by disease state and treatment path. Early interventions may prevent or delay disease onset, offsetting the cost of care for chronic conditions. These potential cost savings are at the heart of value-based care initiatives.

Precision medicine promises to deliver more effective treatment of illnesses through individualized, targeted therapies that result in better health outcomes with fewer adverse events and at lower cost.

Curated patient data that includes EHR/EMR data, multi-specialty diagnostic results, images, therapy data, and most importantly genomic data and social determinants of health (SDOH) can be used for:

- Expansion of early stage clinical trial candidates with rare or general cancers;

- Reducing administrative burden associated with clinical trial identification, manual chart reviews, and practice level feasibility studies;

- Increasing reimbursement from claims appeals when clinical notes are requested;

- Generating new revenue streams from the insights derived from de-identified aggregated data sets;

- Sharing in the cost savings to payors when oncology data is used to help them manage their members;

- Developing real-world evidence (RWE) in partnership with other oncology groups and biopharma partners for peer-reviewed publications, support of clinical utility for coverage and FDA submissions for regulatory approval or clearance.

VisualStrata allows oncology teams to seamlessly gather, curate and evaluate patients' clinical notes, genomic, imaging and other diagnostic information into a single platform. By integrating previously disparate or hard to find information into a

unified view, oncology professionals can see treatment patterns, treatment response or reactions, gain further insights into specific diseases, identify potential clinical trial populations and use detailed clinical notes for validation.

Curated data that includes diagnostic biomarkers, clinical information, and therapy data can improve the oncology group's bottom line. Clinical notes, in particular, are critically important to support clinical trials, practice level decision making and reimbursement.

Multi-practice de-identifed data can be transformed to real world data (RWD) which is valuable to various stakeholders, including pharmaceutical organizations, payors, and researchers for:

- Patient outcomes
- Clinical trials
- Comparative effectiveness studies
- Drug safety and effectiveness
- Patient adherence
- Population health
- Patient cohort characteristics and comorbidities
- Discovery of disease insights
- Sharing in the cost savings to payors when oncology data is used to help them manage their members

Built specifically for oncology by bioinformaticists and knowledge engineers, VisualStrata is a HIPAA compliant Software-as-a-Service (SaaS) solution that meets the complex data management needs of oncology groups.

Because the solution is SaaS-based, users will always be using the latest software version in addition to minimizing costs, liabilities, and responsibilities associated with managing and maintaining a software infrastructure that can handle the complexities of quality patient care—especially in oncology.

VisualStrata is designed to meet the challenge of managing RWD from individual patients and patient cohorts. Data analytics and data visualization tools enable users to gain patient and practice insights from rich data sets, making new discoveries about health and disease possible.

Make Clinical Trial Participant Identification Easier and Reduce Administrative Burden

✓ The clinical trial participant identification dashboard allows clinicians to isolate sub-populations of patients based on specific clinical features for clinical trials recruitment or clinical trial selection site

✓ This dashboard identifies new patients based on a rolling 12 months or 24 month period

✓ Users can filter based on Cancer Stage by selecting the more granular cancer sub-stage (e.g., Stage IA or Stage IB)

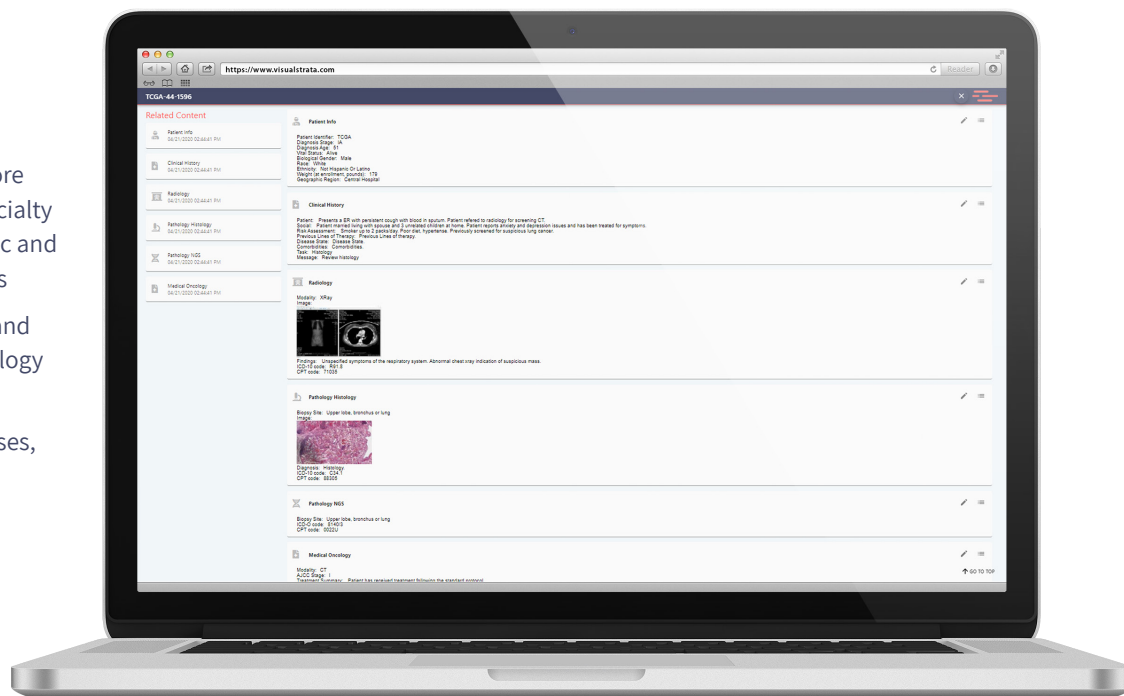# Making Real World Data Useful For Oncology Practices

VisualStrata is a highly configurable cloud-based software solution built to handle today's precision medicine data challenges. The platform enables data exchange, archival, and analysis in a robust environment.

VisualStrata delivers numerous RWD analytics dashboards that support oncology practices in their patient care efforts. As an example, the Sankey diagram above traces the movement of patients from first-line treatment to second-line treatment in the metastatic population over the span of 24 months by cancer types. In addition to seeing which regimen a cancer patient was administered in the first-line setting, the report also provides additional lab and clinical information related to constitutional symptoms that the patients experienced during treatment such as anemia, constipation, night sweats, dyspnea, etc. or abnormal levels related to platelet counts, RBCs, Ferritin, etc.

✓ This information along with average duration of treatment can give stakeholders an idea of how well a specific product is performing in that space and what side effects most patients are experiencing after being placed on that medication.

✓ Newly acquired insight can be used to educate newly initiated patients on what to expect and can inform clinicians about what types of labs should be tracked at each visit.

Temporal Record and Case Management

- Seamlessly consolidate and store patient data from different specialty encounters including diagnostic and genomic data and clinical notes

- Upload and store (automated and manually) radiology and pathology image files

- Review and manage patient cases, manage tasks, and respond to messages and alerts

QOPI Reporting

- Temporal Record and Case Management can be used for support QOPI reporting

Multi-disciplinary Team (MDT) Collaboration

- Leverage Patient Temporal Record data and image viewer during tumor boards or multi-disciplinary collaboration sessions via your existing video conferencing capabilities.

Image Management

- Use the image viewer to zoom, resize and annotate individual images

- Arrange images in a multi-panel or gallery view for easy viewing

- Link annotation captions and labels to images and other data types

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XIFIN is a health information technology company that leverages diagnostic, clinical, and financial information to improve the quality and economics of healthcare across its portfolio of solutions.

Learn More or Request a Demo Today at www.VisualStrata.com

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