

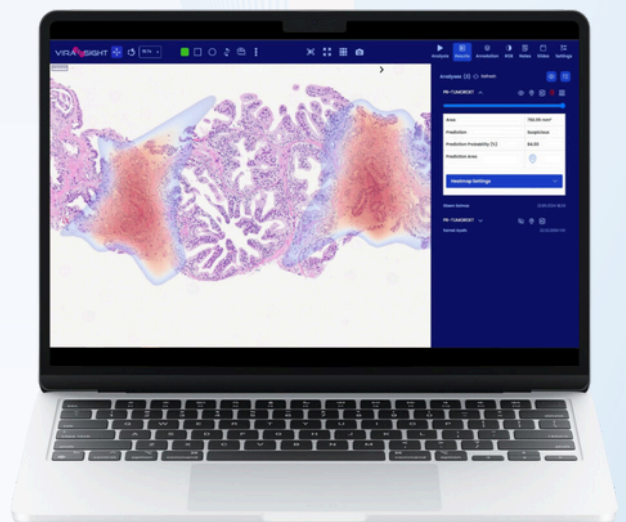


MAXIMIZING CANCER DIAGNOSTIC PRECISION: VIRASOFT'S AI-BASED DECISION SUPPORT ALGORITHMS

The precise diagnosis of cancer is crucial for effective treatment planning and enhancing patient outcomes, thereby making the timely and accurate identification of cancer types imperative in healthcare. Virasoft is deeply committed to advancing cancer diagnostics through innovative technologies.

Virasoft's AI-based Decision Support Algorithms enhance pathologists' precision and consistency in diagnosing cancers, which leads to faster decisions and improved patient outcomes.

Our AI-based Decision Support Algorithms, integrated with Virasoft's Image Viewer, VIRASIGHT offer comprehensive support to pathologists in diagnosing various cancer types including breast, prostate, colorectal cancers, etc. by analyzing Whole Slide Images (WSIs).



Exploring the Key Features of Virasoft's AI-Based Decision Support Algorithms:

- Develops using extensive datasets
- Available on-cloud, on-premises, and in hybrid configurations
- Compatible with various image formats and scanners
- Fully interoperable with all Hospital Information Systems (HIS) and Electronic Medical Records (EMRs)
- Our ER, PR, HER2, and Ki67 algorithms are CE-IVD certified
- Delivers quantitative measures and qualitative findings
- Ensures precise and reproducible analysis
- Reduces interobserver and intraobserver variation
- Accelerates decision-making
- Supports case triage
- Offers heatmap visualization
- Enables multi-organ studies



AI-BASED DECISION SUPPORT ALGORITHMS

Breast Cancer:

- Invasive Region Detection
- Nuclei Detection
- Mitosis Detection
- Tubule Detection
- Nuclear Pleomorphism
- Lymph Node Metastasis

Prostate Cancer:

- Tumor Detection

FISH:

- Amplification
- Deletion
- Break-apart
- Fusion

Immunohistochemistry (IHC):

- Ki67
- ER
- PR
- PHH3
- HER2
- PD-L1

Cervical Cytology:

- Abnormal Cell Detection

Colorectal Cancer:

- Lymph Node Metastasis

Others:

- WSI Quality Control
- Image Enhancement
- Slide Formats Conversion
- HE Staining Tissue Detection
- Tissue Existence Detection

Virasoft's Impact on Cancer Diagnosis and Research

Founded in 2015, Virasoft specializes in services that accelerate and digitalize cancer diagnosis. Virasoft is committed to developing AI-based decision support algorithms, workflow solutions, telepathology platforms, and pathology education systems for evolving digital pathology needs.



400,000
digital cases



20,000
Consultations with
digital pathology



2,000
Digital frozen
sections



30,000
Analyses with
algorithms

Join Virasoft in transforming the field of pathology with innovative solutions