

TD HistoCyto[®]

Livextens

Boost your laboratory efficiency

A software solution that is ideally suited to the needs of anatomic pathology laboratories

Focusing on patient safety, TD HistoCyto takes full advantage of new technologies and contributes to the improvement in laboratory efficiency.

This dedicated solution greatly improves and facilitates the daily operation of your laboratory, leaving the pathologist to focus on the essentials: the diagnosis.



Laboratory
efficiency



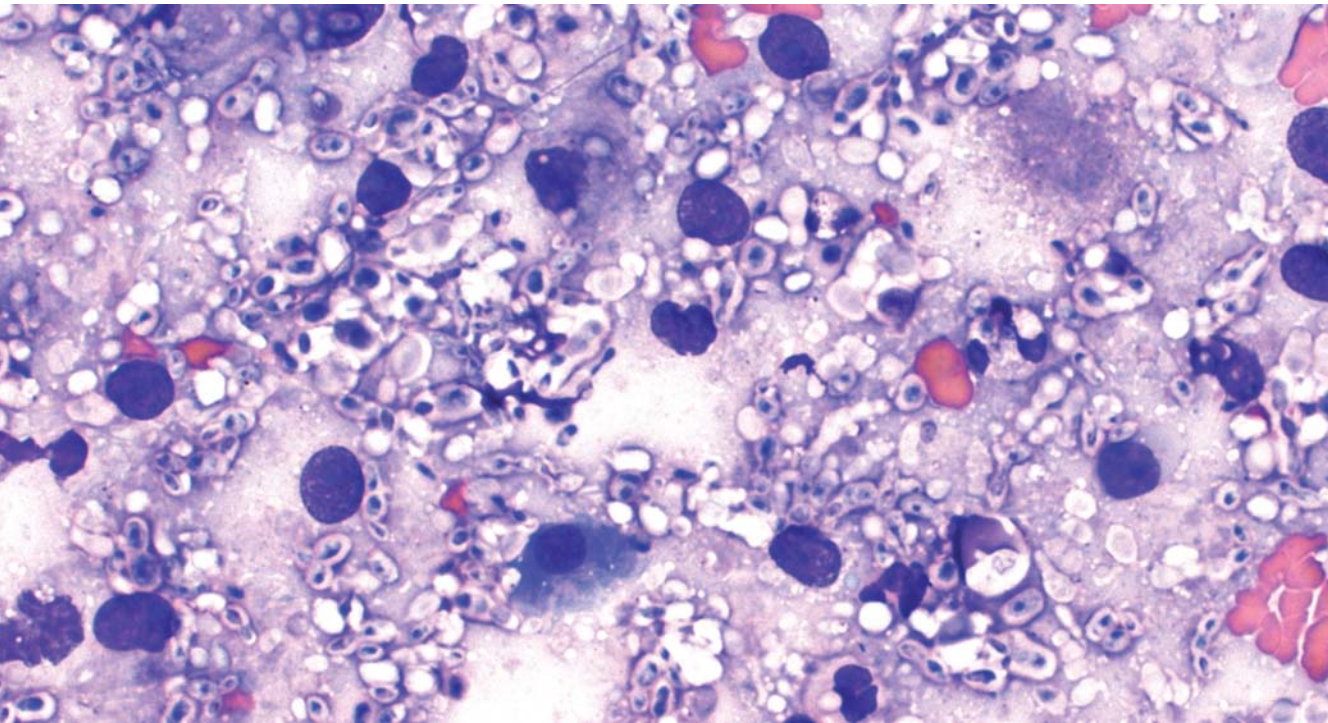
Task
monitoring



Patient safety
first



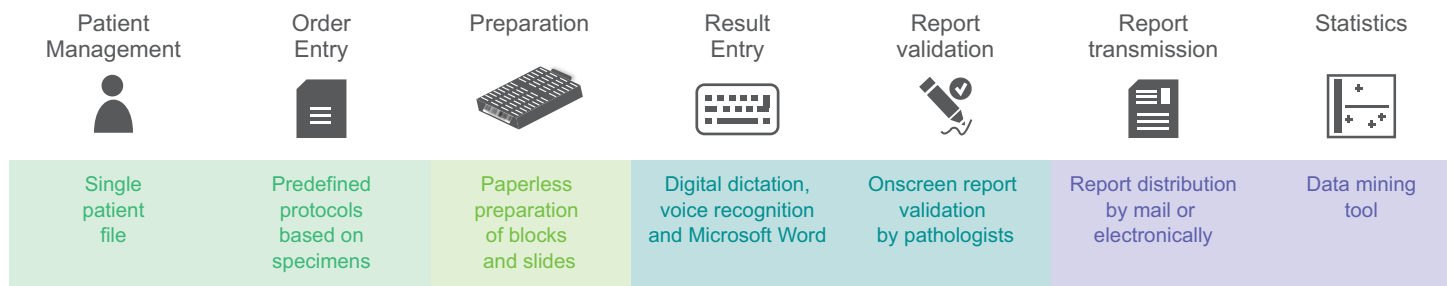
State of the art
practices



Improve your laboratory processes with a dedicated solution: enhance patient safety and traceability, and adopt paperless communication

Benefit from paperless communication, through reporting and automatic updating of worklists, for significantly improved **patient safety**.

Take advantage of this scalable solution to manage **multisite organizations**.



Laboratory efficiency

- Pre-populated screens at request creation
 - ⇒ Automatically assign the pathologist and on-duty screener
 - ⇒ Speed up order entry
 - ⇒ Standardize information
 - ⇒ Prepare grossing descriptions by using predefined block and slide descriptions
- A dedicated all-in-one session to manage slide preparation
 - ⇒ Consult previous history of patients, dictate grossing descriptions, perform paperless requests for required blocks, slides, and additional stains
 - ⇒ Print cassettes and slides directly, reducing the risk of misidentification
 - ⇒ Send slides automatically to IHC instruments, creating a smoother workflow
 - ⇒ Update the technical worklist in real time and follow the progress of the workflow
- Generate reports with Microsoft[®] Word[®], including predefined texts, voice recognition, and synoptic reports
 - ⇒ Minimize typing errors
 - ⇒ Reduce secretarial work
 - ⇒ Simplify the organization by using digital dictation for pathologists and real-time work lists for secretaries

- International standard for coding results - SNOMED[®]-compliant
 - ⇒ Codify diagnosis easily for quick retrieval and result transmission
- Clinical review and electronic result reporting
 - ⇒ Check reports before sending
 - ⇒ Send reports by different means
 - ⇒ Access reports from the wards via a standard web browser



Task monitoring

- Dashboard to track turnaround time
 - ⇒ Display the stage a request has reached
 - ⇒ Ensure that all requests, including urgent ones, are handled in the appropriate timescale
 - ⇒ Give a global view of the work in progress
- Manage statistics with TDAnalytics:
 - ⇒ Drive laboratory activities using Technidata's data mining tool
 - ⇒ Create personal indicators for lab analysis
 - ⇒ Tailor your statistics based on requirements



Patient safety first

- Automated barcode printing for cassettes and slides
 - ➔ Direct access to patient history
 - ➔ Simplifies everyday tasks
- Comprehensive traceability, including system stamp
 - ➔ View the history of all actions related to a request in one click
 - ➔ Optimize quality management using the Non-conformity management module
 - ➔ Automatically archive reports in PDF format
 - ➔ Automate recall management for gynecological cytology
 - ➔ Facilitate your laboratory accreditation process
- Automated mechanisms tailored for gynecological cytology, such as systematic referrals or the College of American Pathologists (CAP) "Retrospective Review"
 - ➔ Ensure the quality of gynecological cytology diagnosis
 - ➔ Correlate working cases with previous results
 - ➔ Comply with CAP requirements



Promoting the latest practices in pathology

- Manage and store images in the database and link them with the appropriate case – interface with whole slide image management systems
 - ➔ Enjoy safer storage and easier retrieval
 - ➔ Search for requests with images using diagnosis codes
 - ➔ Prepare a single working place
- Adjunctive testing on samples obtained by liquid-based cytology
 - ➔ Request additional tests depending on the smear screening results
- Connected instruments, such as IHC instruments and block or slide printers
 - ➔ Speed up the laboratory workflow
 - ➔ Reduce misidentification
 - ➔ Trace and control the progress of required stains

Testimonials

Anatomic Pathology Center Emile Gallé, Nancy, FRANCE

"We were impressed by the ability of the Histology/Cytology module to reflect the actual workflow in the laboratory. This software adds real value given the specificities of our discipline, and it simplifies the work of users."

Dr. Maud OUNNOUGHENE
Pathologist

"By choosing this software, we had no need for any additional IT investment to meet the goals of our Quality Assurance policy."

Dr Stephen KIRCHNER
Pathologist

IHC interfaces

IHC interfaces:

- AutoStainer[®] by Dako[®]
- Bond[®] by Leica/Menarini[®]
- BenchmarkXT[®] by Ventana[®]

Printer interfaces:

- Leica[®],
- Sakura[®]
- SHUR/Mark[®]
- Thermo Fisher[®] printers
- Dako[®]

A team of experts at your service to optimize your lab organization

- + Consultancy and audit on laboratory organization and workflow
- + Installation follow-up
- + Training and assistance

TD HistoCyto[®]

Livextens



LEARN MORE

This is a succinct overview of the main product features, **please contact us if you require further details.**

Boost your laboratory efficiency

Features

Easy to use

- Ergonomic and intuitive user interface
- Comprehensive online help
- Direct barcode access to individual cases
- Patient information received from the Hospital Information System (HIS)
- Multi-criteria search
- Multi-site organization

Task monitoring

- Work in progress, request status
- Automatic updates to work lists
- Traceability of every action on every request
- Pathologist's work list

Preparation

- Specimen identification
- Block and stain definition
- Technical work list
- Macroscopic descriptions
- Printing of specimen, cassette and slide labels
- Block and slide status management
- Image management

Interfaces with:

- Scanners for scanning prescriptions in batch mode
- Cassette and slide printers
- Slide processing equipment (IHC)
- Central workflow solution (Vantage[®] by Roche)
- Tumor banks and biobanks

Entering results

- Full Microsoft Word reporting capabilities
- Digital dictation
- Speech recognition
- Synoptic report (also called minimum data set)
- SNOMED compliant

Clinical review

- Automatic assignment of requests
- Work lists for each pathologist
- Review lists per pathologist, for better efficiency
- Choice between online or hardcopy review, for greater flexibility
- Paperless management of additional stains

Reporting

- Management of scanned signatures
- Results sent via email, fax, and HL7 communication to the HIS
- Results accessible via TD-Synergy Web module
- Specific reports for cancer registration authorities
- Archiving of reports in PDF format

Specific features for gynecological cytology

- Specific workflow management
- Screening, rescreening, and quality controls
- Retrospective review
- Liquid-based cytology
- Recall reminders

Companion solutions

- Document Management module
- Non-conformity Management module
- TDWeb, Web request & results management
- TDBioBank, Added value and traceability for your biological specimens
- TDAnalytics, Advanced statistics management

Technical overview

- Client-server architecture
- Relational database (Oracle[®] or SQL Server[®])
- Windows[®] operating system
- Microsoft Word 2010 supported
- Digital dictation using Philips devices
- Use of any speech recognition software compatible with Microsoft Word
- Communication using standard HL7 and HPRIM protocols