

TD BioBank®

Livextens

Added value and traceability for your biological specimens

TD BioBank software addresses the needs of single or multisite biobanks, such as rich data capture, storage area optimization, protocols, collection and transfer management, quality assurance, and operational efficiency.

TD BioBank helps biorepositories to promote scientific collaboration, maximize the value of stored specimens, and meet regulatory and legal requirements, through a Web-based platform designed for rapid global deployment.



Optimization
of biobanking
processes



Added value
for specimens



Quality,
Certification &
Accreditation

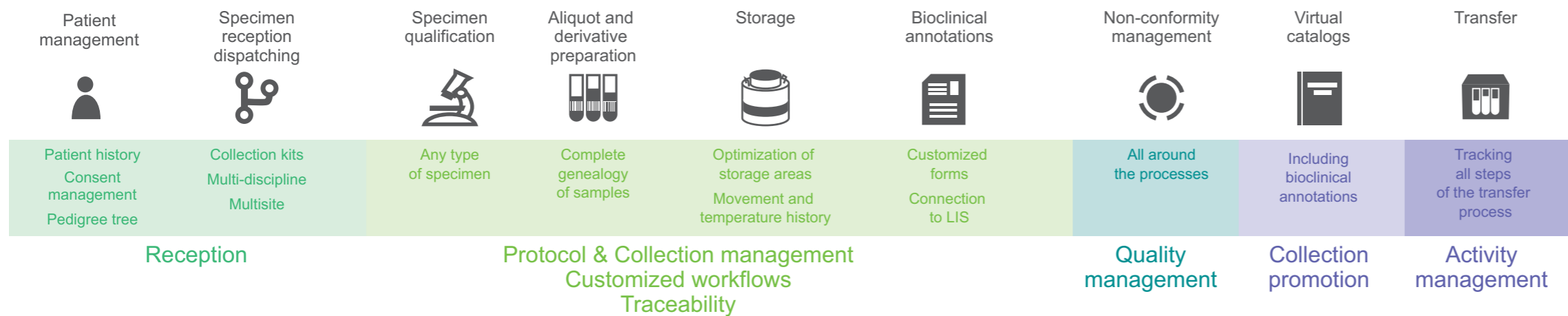


Maximum
interoperability



TD BioBank is dedicated to specimen banks, biobanks, and other organizations that track and add value to their stored biological specimens. TD BioBank manages collections of tissue, blood products, DNA, RNA, cells, and so on.

TD BioBank manages the increasing number of biospecimens for **research, diagnosis, and donation.**



Optimization of biobanking processes

Configurable to your own methods and organization

- Customize your protocols and workflows
 - ➔ Guide biobank staff to handle specimens, optimize storage areas, enter bioclinical annotations, and so on
 - ➔ Ergonomic and user friendly
- Multisite management
 - ➔ Single and centralized solution to manage traceability and scientific collaboration
- Interoperability
 - ➔ A powerful communication engine
 - ➔ Use of standard communication protocols
 - ➔ Reduction of interoperability costs
- Easy integration
 - ➔ Based on web technologies
 - ➔ HL7 communication engine
 - ➔ Saves installation time



Add value to your biological specimens

The Customized Form Designer module enables you to add value to specimens by entering advanced bioclinical annotations

- Bioclinical annotations
 - ➔ Annotation of collections, with possible links to patient files (clinical, genetic, genealogical, morphological, and so on)
- Family dimension for information
 - ➔ Pedigree tree editor
 - ➔ Family number
- Temperature history
 - ➔ Interface with various temperature monitoring systems
- Promotion of specimen collections
 - ➔ Data export tool
 - ➔ Virtual catalog designer



Quality, Certification & Accreditation

High quality with integrated tools

- Helps comply with standard requirements (ISO 15189, NFS 96-900...)
 - ➔ Follows OECD guidelines, ISBER Best practices, FDA 21 CFR part 11, GLP
 - ➔ Quality guarantee, facilitates laboratory accreditation/certification
- Powerful audit features at all stages: request, sample, patient...
 - ➔ Provides full traceability
- Non-conformity management
 - ➔ Helps improve quality

Testimonials

Fertility treatment center in Toulouse, France.

“With TD BioBank, we have standardized and centralized the way we manage our biological resources in a multisite context, and made the process more secure.”

Prof. Louis BUJAN
Lead Coordinator of the Germetheque biobank

Interoperability

A key factor for integration in your organization

A powerful communication engine
Use of standard communication protocols

- + For an easy interface with any Hospital Information Systems (HIS)
- + For customized interface with Laboratory Information Systems (LIS)
- + For immediate interface with temperature monitoring systems

Robustness

Uses reliable systems

- + Ensures continuity of service
- + Saves time during back-up
- + Guarantees response time
- + Reduces operating cost

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

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

**LEARN MORE**

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

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Features

Biological specimen management

- Tracking (from reception to legally-controlled transfer)
- Storage (help with locating and reserving places)
- Management of research protocols and collections
- Activity management
- Multi-criteria queries and report creation

A guarantee of quality

- Consent management
- Non-conformity management
- Biological resource history (donor, collection, samples, aliquots, derivatives, and so on)
- Storage and request management

Traceability

- Specimen filiation (primary specimens, aliquots, derivatives)
- History of specimen processing
- History of specimen storage
- Complete audit trail

Added value for your specimen collections

- Follow-up for sample requests
- Production of customized or standard catalogs
- Annotation of collections, with possible links to patient files (clinical, genetic, genealogical, morphological, and so on)
- Family dimension: pedigree tree editor, family number

Interoperability

- Interface with the Hospital Information System (HIS)
- Interface with the Laboratory Information System (LIS)
- Interface with temperature monitoring systems
- Configurable, interoperable, and evolving solution
- Data import tool
- Requests, data exports, reports

Companion solutions

- Document management module
- Non-conformity management module
- TDHistoCyto, proven solution for anatomic pathology Laboratories
- TDMicro, LIS completely dedicated to microbiology



As a member of ESBB
TECHNIDATA contributes to
the development of biobanks

Technical overview

- Web-based architecture with secured access HTTPS
- Internet Explorer and Chrome
- Oracle® or Microsoft® relational database
- Linux or Windows® operating systems
- HL7 standard communication protocols
- Interface with Laboratory Information Systems (LIS):
 - Customized forms connected to the LIS
 - HL7 communication engine
- Interface with temperature monitoring systems: Cobalt™ Monitoring System (OceaSoft), Smart-View™ (Thermo Scientific), Sirius (JRI), and so on.



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