Biobanking System is a highly configurable and customizable solution that supports the course of collecting, storing, lending and transporting samples of human specimen, e.g. blood, tissue, urine, bone marrow, RNA and DNA. From deposit to research.

The Biobanking system is ideal for small biobanks as well as national research biobanks, aiming for the centralization of data rather than samples. Regardless of the type and scale of your biobank, you will find maximum value for your investment, and the Biobanking System will always contribute to increasing the progress and the quality of your research.

FUNCTIONS IN THE BIOBANKING SYSTEM

Configuration
The system can be configured in a number of areas, e.g.
- organization
- material and sample fractions
- state of course
- organ systems
- default values for detailed registration of sample fractions

Freezer management
Freezers (or other storage units) can be designed to reflect the physical construction, using your own defined groups of storage devices such as cabinets, racks, shelves and boxes. ID labels for all storage devices can be printed.

FACT SHEET
YOU WILL OBTAIN
- An application suitable for multiple kinds of biological materials
- Standardized registration of material and sample fractions
- Quick overview, also across an organization
- Support of loan as well as transportation of materials
- Optional information about research projects and hence overview of collected material
- Quality assurance
- Export to MS Excel
- Web-services for civil registration systems to identify the patients
- Integration to CGI’s pathology system (and LIMS)
- Available as cloud-based SaaS Software as a Service)
Registration of specimens for the individual patient
When depositing materials and fractions a variety of basic information can be added e.g. organizational unit, sampling time, organ system and relation to research projects. The individual sample fractions are characterized by type, container, state of course, freezing techniques etc. 2D labels for fractions are printed, and finally relevant cabinet positions are found in storage devices with the specific temperature, predefined for the respective types of fraction.

Sample overview
This function is used for searching fractions with certain characteristics and for mass registration, typically changing state of course.

Final registration
Enables you to ensure that the most essential data has been registered, across patients and samples.

Loans and approvals
This module supports searching for specific samples for a research project and subsequent approval of loans.

Transport
Transportation functionality provides security and traceability of both loans and shipment of samples, and makes it easy to assign materials a cabinet position.

Reports and queries
CGI's biobanking system offers a variety of reports and queries, e.g.
- reports for billing the departments using the biobanking system, laboratory facilities and freezing works
- detailed queries for identifying relevant samples for research projects
- feedback to suppliers of specimens

Most reports can be exported to MS Excel.

SaaS - Software as a Service
We also offer Biobanking SaaS, which is a cloud-based solution, particularly relevant for smaller biobanks, in order to avoid expenditures in infrastructure, servers, disk space etc. CGI takes care of the infrastructure and you will only pay a 'click charge' (pay per sample) for using the system.

Prices
Biobank can be delivered from 3300 € for Biobank SaaS and 8.000 € for Biobank standalone, 1-10 users.

Request for free trial version of SaaS
Please write to: biobanksupport@logica.com

“Now researchers can focus on research projects as the collection and registration of biological material is handled via the Danish Cancer Biobank according to standardized recommendations.”
Estrid Hegdall, Clinical Senior Investigator PhD Head of Danish Cancer Biobank and the Molecular Unit Herlev Hospital, The Capital Region of Denmark

Further information
Please contact us or visit our website to learn more about our biobanking system www.logica.dk/biobank
www.danskcancerbiobank.dk

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